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1916/17

BULLETIN

Buena Vista College

STORM LAKE, IOWA

Catalogue Number
1916-1917

Announcements
1917-1918



CATALOGUE

1916 - 1917

ANNOUNCEMENTS

1917-18

TWENTY-SIXTH YEAR

Organized July 9, 1891

Opened September 15, 1891

UNDER DIRECTION OF THE SYNOD OF IOWA PRESBY-
TERIAN CHURCH IN THE UNITED STATES OF AMERICA

Entered as second-class matter January 9, 1910, at the post office at Storm Lake, Iowa, under the Act of August 24, 1912. Published semi-monthly by Buena Vista College.

COLLEGE CALENDAR 1917-1918

June, 1917

June 5, Tuesday, 9:50 a. m.—Farewell Chapel Service.

June 6-8, Wednesday, Thursday, Friday—Examinations.

June 9, Saturday, 8 p. m.—Countermines Gold Medal Contest.

June 10, Sunday, 10:30 a. m.—Baccalaureate Sermon.

June 10, Sunday, 8 p. m.—Annual Sermon to Y. W. C. A. and
Y. M. C. A.

June 11, Monday, 3 to 5 p. m.—Junior Recital (Music and Oratory.)

June 11, Monday, 8 p. m.—Graduation, courses not leading to a degree.

June 12, Tuesday, 10 a. m.—Tree Day.

June 12, Tuesday, 2 to 3:30 p. m.—Alumni Meeting and Reunion.

June 12, Tuesday, 3:30 p. m.—Reception to Friends.

June 12, Tuesday, 8 p. m.—Alumni Banquet.

June 13, Wednesday, 10:30 a. m.—Commencement.

June 13, Wednesday, 8 p. m.—Grand Concert.

Conclusion of Commencement Exercises.

FIRST SEMESTER

September, 1917

September 10, Monday—Entrance Examination and Registration.

September 11, Tuesday—Registration completed.

September 12, Wednesday, 10 a. m.—Opening Address.

Instruction begins, 1 p. m.

September 12, Wednesday, 8 p. m.—Y. M. C. A. Reception to Men.

September 12, Wednesday, 8 p. m.—Y. W. C. A. Reception to Women.

September 14, Friday, 8 p. m.—Joint Reception of Franklin and Star Literary Societies to new students.

October

October 4, Thursday, 8 p. m.—Faculty Reception to students.

November

November 28, Wednesday, 12 m.—Thanksgiving Vacation begins.

December

December 3, Monday, 8 a. m.—Classes resume.

December 4, Tuesday, 8 p. m.—Franklin Grand Public.

December 11, Tuesday, 8 p. m.—Preliminary State Oratorical Contest.

December 21, Friday, 4:40 p. m.—Christmas Vacation begins.

January, 1918

January 7, Monday, 8 a. m.—Classes resume.

January 16, Wednesday—Re-enrollment of old students.

January 30, Wednesday, 8 a. m.—Semester Examinations begin.

SECOND SEMESTER**February**

February 1, Friday—Registration of new students.

February 4, Monday, 8 a. m.—Instruction begins.

February 8, Friday, 8 p. m.—Inter-Society Debate.

February 21, Thursday—Day of Prayer for Colleges.

February 14, Friday, 8 p. m.—Intercollegiate Debate.

March

March 5, Tuesday, 8 p. m.—Star Grand Public.

March 12, Tuesday, 8 p. m.—Temperance Oratorical Contest.

March 21, Wednesday—Women's Declamatory Contest.

March 29, Friday, 4:40 p. m.—Spring Vavation begins.

April

April 8, Monday, 8 p. m.—Spring Vacation ends. Instruction begins.

April 27, Saturday—Y. W. C. A. Supper.

May

May 1, Wednesday, 2 p. m.—May Festival.

June

June 4, Tuesday, 9:50 a. m.—Farewell Chapel Service.

June 5-7, Wednesday, Thursday, Friday—Examinations.

June 8, Saturday, 8 p. m.—Countermines Gold Medal Contest.

June 9, Sunday, 10:30 a. m.—Baccalaureate Sermon.

June 9, Sunday, 8 p. m.—Annual Sermon to Y. W. C. A. and Y. M. C. A.

June 10, Monday, 3 to 5 p. m.—Junior Recital (Music and Oratory.)

June 10, Monday, 8 p. m.—Graduation Exercises, courses not leading to a degree.

June 11, Tuesday, 10 a. m.—Tree Day.

June 11, Tuesday, 2 to 3:30 p. m.—Alumni Meeting and Reunion.

June 11, Tuesday, 3:30 p. m.—Reception to Friends.

June 11, Tuesday, 8 p. m.—Alumni Banquet.

June 12, Wednesday, 10:30 a. m.—Commencement.

June 12, Wednesday, 8 p. m.—Grand Concert, Conclusion of Commencement Exercises.

BOARD OF TRUSTEES

Class of 1917

E. E. Eastman	LeMars
F. S. Ranney	Storm Lake
Rev. Daniel Williams, D. D.	Storm Lake
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Rev. H. Hostetler, D. D.	California Junction
Rev. W. M. Voldeng, M. D., LL. D.	Woodward
J. H. La Grange	Storm Lake
W. C. Edson, Esq.	Storm Lake
Rev. Wm. M. Hamilton, D. D.	Sioux City

Class of 1918

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W. P. Manley	Sioux City
Hon. A. D. Bailie	Storm Lake
S. A. Ensign	Storm Lake
L. M. Nusbaum, M. D.	Storm Lake
Guy E. Mack	Storm Lake
Samuel Hahne	Schaller
W. C. Kennedy	Rolfe
A. R. Browne	Alta

Class of 1919

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George H. Cummings	Sioux City
Rev. Gilbert Voorhies	Rockwell City
D. D. Carlton	Early
J. B. McKibben	Storm Lake
F. S. Needham	Sac City
Rev. Thomas A. Ambler, D. D.	Storm Lake
M. W. Jones	Sac City
Rev. A. B. Thutt	Cherokee
George W. Chaney	Newell

Class of 1920

W. L. Geisinger	Storm Lake
F. F. Faville, Esq.	Storm Lake
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S. C. Bradford	Des Moines
H. E. Swope	Storm Lake
L. E. Ballou, Jr.	Storm Lake
Robert Bleakly	Storm Lake
H. L. Hughes	Storm Lake
W. M. Storey, D. D. S.	Storm Lake

Officers of the Board

W. C. Edson	-----	President
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Committees of the Board

Executive Committee: L. M. Nusbaum, W. C. Edson, S. A. Ensign, R. D. Echlin, Guy, E. Mack, F. S. Needham, W. L. Geisinger, Geo. W. Chaney, Dr. W. M. Storey.
 Auditing Committee: A. D. Bailie, Chairman; J. B. McKibben, M. W. Jones.
 Loan Committee: J. T. Edson, Chairman; F. S. Ranney, J. H. LaGrange.

ADMINISTRATIVE OFFICERS

President

REV. R. D. ECHLIN, A. B., B. D., D. D.

Dean

REV. J. W. PARKHILL, A. M., D. D.

Secretary of the Faculty and Registrar

EDITH K. COOKE, B. S.

THE FACULTY

REV. R. D. ECHLIN, A. B., B. D., D. D., President.

A. B., McMaster University, Toronto, 1901; B. D., University of Chicago, 1903; D. D., Parsons College, 1914; Buena Vista College, 1913.

REV. J. W. PARKHILL, A. B., A. M., D. D.

Dean and Professor of Latin and Greek.

Graduate, Princeton, 1880, A. B.; Graduate, Princeton Theol. Sem., 1883, A. M., Princeton, 1883; Professor of Classics, Occidental College, 1889-97. Vice pres. *ibid.*; Professor Classics, Lenox College, 1906-15, Dean *ibid.*; Buena Vista College, 1915.

REV. GEORGE H. FRACKER, A. M., D. D.

Professor of German and French.

Graduate Wooster University, 1878; A. M., *ibid.*, 1881; instructor in Private Academy, Del Rofo and professor in Southern Kentucky College, 1882, graduate Princeton Theological Seminary, 1884; D. D. Wooster University, 1906; professor of Latin and Greek, Buena Vista College, 1891; professor of German and French, 1903.

ALICE EMILY WILCOX, A. B.

Professor of English and Dean of Women.

Graduate of Oswego Normal School, Oswego, N. Y.; A. teacher in the public schools of New York state; A. B. University of Michigan 1902; Graduate student University of Wisconsin summer of 1908, 1909, 1910; Graduate student University of Michigan, summer of 1912; Principal of Normal Department of Buena Vista College, 1902; Professor of English *ibid.* 1903.

NELLIE B. DRAKE, A. B., A. M.

Professor of Philosophy and Education.

A. B., University of Nebraska, 1911; Graduate student University of Nebraska, summer, 1911; Assistant High School principal, 1911-1912; Graduate Fellow in Philosophy, University of Nebraska, 1912; A. M., *ibid.*, graduate student University of Chicago, summer, 1915. Buena Vista College, 1914.

ELMER R. STAHL, A. M., B. K.

Professor of Mathematics.

Graduate of Gem City Business College, Quincy, Illinois; graduate of Illinois State Normal University, Normal, Illinois; teacher in rural schools, 1906-08; A. B., University of Illinois, 1910; A. M., *ibid*, 1911; Mathematics and History, Cairo, Illinois, 1911-1913; Mathematics and History, Centralia, Illinois, 1913-14; Buena Vista College, 1914.

WILLIAM E. BURNS, A. B., M. S.

Professor of Biology and Geology.

A. B. Southwestern College, Kan. 1913, M. S., Kansas University, 1915, Fellow in Biological Chemistry, Kansas University, 1914-15. Buena Vista College, 1915.

WILLIAM R. SHERMAN, A. B., A. M.

Professor of History and Political Economy.

A. B., Clark College, 1913, Scholar in History, Clark University, 1913-14, A. M., *ibid*, 1914, Assistant in History, Clark College, 1913-14, Professor in History and Economics, Juniata College, 1914-15. Buena Vista College, 1915.

ROBERT E. PRESTON, A. B., A. M.

Professor of Physics and Chemistry. Director of Athletics and Coach.

A. B. Ripon college 1914; assistant in Chemistry, Ripon College 1913-1914; Fellow in Chemistry, Northwestern University 1914-1915; Physics, Eau Claire, Wis., 1915-1916; A. M. Ripon college 1916; Buena Vista college 1916.

ETHELYN SEXTON

Olivet, Mich.. A. B., A. M. 1914; Columbia College of Expression 1914; Albert Lea college 1915-1916; Buena Vista college 1916.

EDITH K. COOKE, B. S.

Instructor in English, Librarian.

B. S., Coe College, 1909; High School work, 1909-1912; graduate student University of California, summer, 1912. Buena Vista College 1912. Library School, State University of Iowa, summer 1916.

JESSIE V. COLES, B. S.

Professor of Home Economics.

Coe College 1910-1912; B. S. in Home Economics, Iowa State College 1915; High School work 1915-1916. Buena Vista College 1916.

WALTER HERREN

Agriculture.

Northwestern University, 1908-1910. Laboratory Assistant Botany, 1909-1910. University of Wisconsin and assistant in department of Botany, 1911-1913. Director in Department of Agriculture, Buena Vista College, 1914.

FRED W. WIMBERLEY

Department of Music.

Studied under the following renowned artists: W. P. Day, W. P. Nutting, Emma Wilkins-Guttman, Adolph Koelling, Dr. Louis Falk, Victor Garwood. Genieve Clark-Wilson, W. S. B. Matthews, Karl M. Reckzezh, and M. Krause. Graduated from the Chicago Musical College and took Post-Graduate work at the American Conservatory and in Berlin, Germany.

Chicago Piano College, 1893-98; Private Studio, Waterloo, Ia., 1898-1906; Director, Atchinson County High School, Effingham, Kansas. 1906; Director Christian University, Waco, Texas, 1907-1909; Director Jamestown College, Jamestown, North Dakota, 1909-1914; Buena Vista College, Director, 1914.

BEATRICE M. PARKHILL

Assistant in Vocal Music.

Graduate, Musical Dept. Lenox College, Special pupil under Professor Owens, Chicago; University Choir, Professor Stephens, Chicago University.

W. A. ABERNATHY, B. C. S.

Commercial Department.

W. A. Abernathy, Principal, has had a teaching experience of 12 years, including public and business school work. For the past 5 years he has been principal of the Shorthand Department of Scranton-Lackawanna Business College, Scranton, Pa., 5 years in Williamsport High School Commercial, and 2 years in the Allentown Business College. Buena Vista College 1915.

MRS. GERTRUDE ABERNATHY, B. L.

Assistant.

Allentown College for Women, 1901. Mrs. Gertrude Abernathy, instructor in Shorthand Department, has had charge of the advanced shorthand, typewriting and English in the Scranton-Lackawanna Business College, Scranton, for 5 years; also taught Stenotypy since its introduction there. Buena Vista College 1915.

Assistants

English—Mary E. Chapman.

Library—Lillian Sherman. Esther Aitkin.

German—Amy Van Cleve.

Biology—Dorothy Eyres.

Faculty Committees

Enrollment—Fracker, Drake, Parkhill, Sherman, Cooke.

Discipline—Parkhill, Wilcox.

Public Events—Drake, Sherman, Sexton.

Publication—Echlin, Abernathy, Wilcox, Parkhill.

Athletics—Sherman, Coles, Abernathy.

Chapel Exercises—Parkhill, Burns, Coles, Wimberley, Sexton.

Oratory and Debates—Sherman, Sexton, Mrs. Abernathy, Stahl.

Literary Societies (College)—Parkhill, Wilcox, Drake, Burns.

Library—Cooke, Wilcox, Parkhill.

BUENA VISTA COLLEGE HISTORY

The history of Buena Vista College is unique. The leading men of the Presbyterian church in the north-west Iowa of twenty-five years ago realized that the grouping of educational institutions in the southern and eastern parts of the state left a vast unoccupied field in the center of what was destined to be a fine part of the state and supplied a location where a Christian college could be planted and made accessible to thousands of young men and women. A joint commission of twelve men, chosen by the Fort Dodge and Sioux City presbyteries, met at Storm Lake, July 8, 1891, and completed the organization and incorporation of the college on July 9. The Synod of Iowa, in regular session at Boone, October, 1891, unanimously adopted the college as its own and elected the board of trustees to whom was entrusted the control of its property and the management of its interests. Today the college stands in the center of a large territory, in which there is no other Presbyterian institution, and but one other college doing accredited work. Buena Vista was founded in faith and hope. It has been built by the heroic self sacrifice of devout and devoted men and women who believed thoroughly in broad culture of Christian education. With prophetic vision they viewed the splendid opportunity of usefulness which the Christian college in this field furnished to the church.

Already there has been a net attendance of more than 4,000.

From the beginning young men and young women have been received on equal footing. The members of the faculty are consecrated Christian men and women who seek to maintain a wholesome moral and religious atmosphere. Students find those of all faiths in attendance and a number of denominations represented on the faculty. Denominational preferences are in no way molested.

Location

The college is situated on high ground overlooking a beautiful lake five miles long and two miles wide. Storm Lake is noted for its beautiful dwellings, its wide, clean, well shaded streets, its lakeside parks, and its Christian homes and churches.

It is an ideal location for a college and an ideal place in which to spend four years of college life.

The city itself is of exceptionally high moral tone and draws many families who wish to locate where there are good educational advantages for their children. It is of easy access from the north, south, east, and west.

It is the ambition of Storm Lake to be a religious and educational center and this purpose is kept in view by the leading men of the city who appreciate the opportunities provided by the college and also the attractiveness of the city for people of culture and intelligence who are seeking a desirable location for permanent residence.

Purpose

The purpose of the college is to furnish oppor-

tunity for a thorough education in the various departments of the college. A classical education is encouraged as that which is tested and time honored; special attention is also given to thorough instruction in the sciences, in philosophy, and in English. Latitude is given for these courses by the group system. The trustees desire to provide, in addition to the regular college course, the best opportunities for training in music, art, oratory, home economics, commerce, and agriculture. Since there is a call for these, it is held that the church should furnish opportunity for training in these departments in the atmosphere of the Christian college. It is the purpose of the college to make the work as individualistic as possible, to maintain an inspiring college life, and to develop cultured, forceful, upright men and women who shall successfully perform life's tasks. This institution firmly believes that a college consists not in its buildings, equipment, or endowment alone, but in the vital mental and moral qualities and life of its faculty and student body.

Buildings and Grounds

The Main College Building is a good, substantial, three story brick structure, trimmed with cut stone, which contains recitation rooms, offices, library, laboratories, Y. M. C. A. and Y. W. C. A. rooms, literary halls, and assembly room.

The Miller-Stuart House was presented by Rev. William Miller of Des Moines and Mrs. Lois Stuart of Audubon for the use of the president of the institu-

tion. It is a valuable property and makes a comfortable, modern home.

Mather Hall is the musical conservatory. The conservatory became the property of the college through the generosity of Mrs. Flora S. Mather of Cleveland, Ohio. It contains eleven rooms, is well suited to the purpose for which it is used, and is equipped for doing through work in this department.

The Gymnasium. The excavation for walls, furnace and all plumbing has already been done. The structure will be used for athletic purposes only and will meet athletic requirements fully. A double system of lockers and baths will be installed and a good floor with elevater seats on the side will provide for all indoor games and gymnastics. All students desiring this training can be accommodated.

Bradford Field. On the lake shore lies the Bradford Athletic Field. Its location is beautiful and offers a splendid opening for baseball and football. A large amphitheatre has been erected at one end.

The college campus enlarged by the addition of twenty-two lots, the gift of Mr. S. C. Bradford of Des Moines, gives the college a prospect of ultimately owning the entire property between the old college campus and the lake shore. When this property is finally secured as a campus it will be one of the most attractive college properties in the state.

Library

The library has over ten thousand volumes, catalogued and arranged according to the Dewey sys-

tem of classification, and six hundred bound and catalogued pamphlets. The care that has been exercised in selecting books has resulted in a "good working library." The collection includes some seven hundred bound volumes of leading periodicals which are of value through the aid of the "Reader's Guide to Periodical Literature." Magazine files are being completed as rapidly as possible.

The Library is well supplied with daily and weekly papers, current magazines, literary reviews, and scientific journals. During the past twelve months eight hundred and eighty-four volumes have been added.

The rooms are open throughout the day while college is in session and on Monday, Tuesday, Wednesday and Thursday evenings from seven to nine. Books may be withdrawn by complying with the necessary regulations.

Students also have access to the Storm Lake Public Library.

Museum

The first collection for the museum was made by Rev. R. E. Flickinger, who arranged and classified the material.

Every professor in charge since has been intent on adding as large a variety of material as possible. It now includes many mounted specimens of the fauna and flora of this region, and a scattering number from other regions, and also some marine species. It has a good assortment of rocks for the study of mineralogy and geology.

A collection of fossils, shells, and rocks from various parts of the shores of England was noated by Miss Isabelle Cowan, of Windom, Minnesota.

About one hundred and fifty specimens of marine invertebrates have been added recently. These are used in the study of Biology. The Museum needs further additions and a place in which to display them. Persons who have mineral, fossil, or biological specimens or articles of historic value, should favor the college and future generations of students by placing them where they will be perennially useful. Correspondence is solicited. Shipments of material may be made at any time.

LABORATORIES

Biology

The biological department occupies two rooms on the first floor of the main building. One room is used as a lecture room and a portion of the museum is exhibited here. The room is fitted especially for the use of the projection apparatus. The second room is well lighted from two sides and well adapted for microscopic work. The present equipment affords excellent facilities for undergraduate work in the science. A locker is provided for each student and the laboratory is well equipped with microscopes and instruments, so that the students may do individual work.

The equipment includes on the one hand a stereopticon with microscopic projection apparatus, with five

hundred well selected lantern slides on biological subjects. The department includes a large number and variety of microscopic slides that will cover every phase of biological science. On the other hand there are such apparatus as the microtome, camera lucida, autoclav, incubators, hot air sterilizer, paraffin bath, etc., so that a thorough and complete course may be given in both microscopic technique and bacteriology. The department is equipped with an excellent supply of stains for histological work.

The museum in connection with the laboratory affords abundant and valuable material for work, while the contiguous region, including the lake, teems with forms of life offering unusual opportunities for biological work.

Chemistry

The department of Chemistry occupies a lecture room and well lighted laboratories for general chemistry, inorganic and organic, and for qualitative and quantitative analysis. Each student is provided with desk, locker, and all apparatus necessary for thorough laboratory work. An adequate stock of chemicals is kept on hand. Recently additions have been made to this laboratory to increase its efficiency greatly.

Physics

The physics laboratory is large and well lighted. It can be also used as a dark room. It is equipped for work in mechanics, heat, electricity and light. Some new apparatus has been added recently. Included are

a force table, demonstration balance used in verifying the theory of weighing, and a ballistic pendulum for investigating the laws of impact. A new analytical balance and other instruments for high grade work have been recently purchased.

Agriculture and Home Economics

The laboratories for Agriculture and Domestic Science are now in excellent condition to meet the demands of the thorough two years course of instruction in each. Soils, seeds and testing processes are open to the study of classes in Agriculture. Actual experience in the science and art of Home Economics is open to classes in this department. The practical phases of both are emphasized.

STUDENT ORGANIZATIONS

Buena Vista College seeks by various means to promote the moral and religious welfare of its students while giving them the best intellectual training. The officers and instructors of the college strive constantly to impress upon the students the importance of seeking first the Kingdom of God. Because of the friendly relationship existing between the faculty and the student body, a healthy religious life has developed. All students are required to attend the devotional chapel exercises on each recitation day and some place of worship on the Sabbath. There is a number of Bible classes organized among the students, some taught

by students, and some by members of the faculty, while a large percentage of the students are members of some one of the Sabbath schools of Storm Lake.

There is a strong, active Y. M. C. A. carried on by the young men who hold their regular prayer meeting on Wednesday evening. There is also a large Y. W. C. A. carried on by the young ladies, meeting on Wednesday afternoon at the close of the college recitations. These associations have their own well furnished rooms in the main college building. Representatives of these organizations meet new students at the opening of the term and young people coming to the college for the first time receive cordial greetings from the members who are always glad to furnish any information required and to render any other aid possible in making the life of the new student pleasant. Many young people through the work done in these organizations have come to appreciate the responsibility of Christian culture in college life. Each organization holds a reception at the opening of the college year.

Student Volunteer Band

An organization of student volunteers conducts courses in mission study and stimulates active Christian work in connection with the various churches of the city.

Alumni Association

The students who have completed the work required in the different departments of the college have formed themselves into the Alumni Association. This association is already making itself felt through its

loyalty to, and work for the college. The annual meeting is held during commencement week and it has come to be a custom for the Alumni and students to hold a picnic at Storm Lake during the Chautauqua season.

Oratorical Association

This organization is maintained to create an interest among the students in public speaking, to conduct the preliminary for the contest in the State Oratorical Association, to which the college belongs, and to coach the representatives of these departments for their contests.

Literary Societies

Two Literary Societies are maintained by the student body, the Franklin and the Star. These are organized for the purpose of literary culture, skill in debate, oratory, reading, writing, and parliamentary practice.

Debates

The annual Inter-Society debate has come to be a prominent feature of the college life. A friendly rivalry has existed between the two societies for the possession of a trophy cup. This year the S. A. Ensign cup was won for the first time by the Franklin society.

A triangular Inter-Collegiate debate was held during the past year with Central College and Ellsworth. The Affirmative team consisting of Messrs. Hood, Riedesel and Drury debated at home and won 3-0. The Negative team, composed of Messrs. Claus, Brown and Rice debated at Pella and lost 3-0.

Athletics

The control of athletics is vested in a committee composed of three members of the faculty together with the officers of the College Athletic Association. The students of the college have taken a deep interest in all athletics. The possession of an Athletic Park on the lake shore gives opportunity for the development of all sorts of aquatic sports. Clean, manly sports are approved by the faculty and by those interested in the institution.

PUBLICATIONS

A **Bulletin** is edited by a committee of the faculty and published semi-monthly in the interests of the college and of higher education. To this end an effort is made to keep the constituency of the college acquainted with all news of general interest, to inform the public of the facilities and the advantages of the college and to create an appreciation of the value of a college education. It will be sent regularly upon application to any address free of charge.

The **Catalogue** is one of the spring numbers of the Bulletin series, and is a general prospectus of the college and its various departments of instruction and the courses offered therein.

The **Tack** is edited by the students and published semi-monthly. Its functions are to record the local news of the college life and to create proper student sentiment through its editorial columns.

The **Rudder** is an annual publication edited by the

Junior class. In nature and purposes it does not differ materially from similar publications in other colleges.

MEMORIALS

The following memorials have been established. Only the interest on the amount given is used and the memorial appears in the catalogue each year. It makes a most fitting monument and we shall be glad to have others added to those already established.

Jesse M. and Nellie A. Smith, memorial of Five Hundred Dollars given by their father, Mr. Joseph Smith.

Thomas Addison Williams, memorial of Five Hundred Dollars, given by his parents, Rev. and Mrs. Daniel Williams of Storm Lake.

A. M. Calvin memorial of Five Hundred Dollars, given by the late A. M. Calvin, Russell, Iowa, toward the endowment of a one thousand dollar scholarship.

PRIZES

The Bradford Debating Cup offered by Mr. S. C. Bradford of Des Moines, was won by the Star Society three years in succession and as a result is in their permanent possession.

The Faville & Whitney Debating Cup offered by Mr. F. F. Faville and Mr. A. L. Whitney was won by the Franklin Society and remains in their possession.

The Blayney-Ross Debating Cup offered by Prof. E. F. Blayney and F. B. Ross as a prize in the inter-

society debate was permanently won by the Star Society in 1915.

The S. A. Ensign Debating Cup offered by Mr. S. A. Ensign of Storm Lake in 1915-16 will become the trophy of the Society winning the Inter-Society debate three years in succession.

Annual Prize by Class of '07. The class of 1907 offers two annual prizes of ten dollars each for the best scholarship in Freshman English and in Freshman Latin.

Temperance Oratorical Contest, \$25.00. The Board of Temperance of the Presbyterian Church in the U. S. A. offers an annual cash prize of \$25.00, to be given as one prize or distributed as the faculty may decide.

The Countermine Gold Medal Prize. Rev. J. W. Countermine, D. D., of Des Moines, offers a gold medal to the young man of the Freshman class who excels in an original oration on a theme dictated by the donor.

The Preliminary to the State Oratorical Contest. The class of 1910 offers twenty-five dollars to the winner of first place in the preliminary contest and expenses paid to the State Contest to the person winning second place.

Prizes will be provided by the Oratorical Association for all other contests.

SCHOLARSHIPS

Honor Scholarships

We offer to first honor graduates of accredited high schools in Iowa an Honor Scholarship, good for one year. It entitles a student to tuition in the collegiate department only.

Labor Scholarships

All the labor about the college buildings, such as janitor work, etc., is done by the students and Labor Scholarships are given in return for such labor. The above scholarships entitle students to tuition in any department except Music and Oratory.

Memorial Scholarships

Friends have established scholarships by endowing them. The income from such is to be used in assisting worthy students to secure an education. These scholarships entitle a student to tuition in the Collegiate department only.

GOVERNMENT

Student Council

The student council is organized under a constitution for self government, wherein representatives from each of the classes and the two faculty members on discipline constitute "The Student Council" which constantly oversees student department and has the power of discipline. Under this arrangement and control few cases of misdemeanor have occurred.

Moral and Religious Culture

Buena Vista College believes that a true education consists in the development of morals and religion as well as intellect, and that there is nothing that will accomplish this end, but a proper knowledge and recognition of the Bible. Consequently all students are required to give one period a week to Bible Study, unless for some satisfactory reason they are excused by the President or Dean. This, together with daily chapel exercises, the students' prayer meeting, Bible Study classes and the influence and example of a Christian faculty, develops the moral and religious side of student character.

From time to time, special addresses on various subjects are given in connection with the chapel devotionals by members of the faculty and other speakers who are asked to visit the college and address the student body.

LECTURE COURSE

The Student Council finances and controls the winter lecture course for the college and city, and has presented an excellent course for the past year. Among the numbers were the following: Prof. Montraville Wood, the Parish Players, Mr. Adrian Newens and the Mt. Vernon Singers.

GRADES AND EXAMINATIONS

Reviews and examinations are held at the close of each semester or oftener if the instructors so choose. The semester's record is made up from the daily recitations and these examinations. An unexcused absence from a recitation means a failure for that recitation. All assigned lessons omitted for whatsoever reason must be made up. Work shall be graded according to the following system: A meaning excellent work; B meaning good work; C meaning acceptable work; D, conditional, and E, failure. D signifies that a student has failed in some phase of the work and arrangements for removal of the condition must be made by the fourth Wednesday of the following semester and condition removed before the end of the semester or the condition becomes a failure. E signifies that a student receives no credit and will be required to pursue the subject again before he may receive credit. The standing of each student is reported to parents each semester, or oftener if the work being done is, in the judgment of the faculty, unsatisfactory.

Explanation of Grades

- A plus stands for a grade of 97 to 100.
- A stands for a grade of 93 to 96.
- A minus stands for a grade of 90 to 92.
- B plus stands for a grade of 87 to 89.
- B stands for a grade of 83 to 86.
- B minus stands for a grade of 80 to 82.
- C plus stands for a grade of 77 to 79.
- C stands for a grade of 73 to 76.
- C minus stands for a grade of 70 to 72.
- D stands for a grade of 60 to 69 and indicates a condition.
- E indicates a failure. The course must be repeated or no credit given.

Rules Governing Absences

These rules with changes up to date are posted on the bulletin board at the beginning of each semester.

EXPENSES

Because of the location of the college there is little to increase the cost of attendance over actual necessities. An education can be secured here for much less than it may cost in many other schools. The trustees have sought without sacrificing quality, to bring the expenses connected with college attendance within the reach of young men and young women who earnestly desire the advantages of a college course and yet who must seriously consider the cost. Young men find no difficulty in securing convenient rooms and board in student's clubs and private families at a cost of from \$4.00 to \$5.00 per week. Students may rent rooms and board themselves, and lessen very materially this amount.

SELF-SUPPORT

A number of students can earn part of their expenses by working in the homes and business houses of Storm Lake.

The college employs a limited number in the following work: Janitor work, office work, and work on

the Bulletin. The faculty, the Y. M. C. A. and the Y. W. C. A. lend their assistance in securing employment for student labor. The people of Storm Lake are ready to offer such opportunities to college boys and girls; but after all, each student needs to be on the alert and to perform efficiently every task secured.

It is a fact of common observation that students so employed stand high in the class room work and in the social life of the school. The faculty however, urgently advises parents to give their young people the necessary financial support so that the entire time of the student can be devoted to the work of the college.

TUITION AND FEES

Tuition rates are moderate. (See schedule).

Tuition is payable at the opening of each semester, in advance. In the Academic, Normal, and Collegiate departments a rate of \$2.00 per week will be made when this will be less than for a semester, and in the Commercial department a rate of \$2.50 per week will be made. When students are required to be absent for one-half a semester on account of sickness, credit for tuition paid for that half semester will be made on the tuition of the following semester.

A reduction of fifty per cent is made on tuition to candidates for the ministry and children of ministers, except in the Art, Musical, Elocutionary, and Commercial departments.

	Per semester
Collegiate -----	\$27.00
Academic -----	20.00
Oratory, for regularly enrolled students, (private, two lessons per week) -----	18.00
Oratory, for special students per lesson -----	.65

College Fees

Incidental fee -----	6.00
Chemistry fee -----	6.00
Chemistry deposit -----	3.00
Physics, College -----	2.50
Physics, Academy -----	1.50
Biology 1, 2 and 7, each -----	3.00
Biology 8 -----	2.00
Bacteriology -----	5.00
Biology 11, 12, fees adjusted.	
Zoology 3, 4, each -----	3.50
Academy Botany -----	1.00
Domestic Science 1 and 2, each -----	3.50
Domestic Science, 2, 4 -----	4.50
Dietetics -----	4.00
Domestic Art, 4, 7 -----	1.00
Domestic Art, 1, 2, 5 -----	.50
Theory and Practice -----	1.00
Home Economics, A. B. -----	3.50
Graduation from college -----	5.00
Graduation from other departments -----	2.50
Registration fee after first day of school -----	1.00
Special examination -----	1.00

Music Tuition Fees

Major Music—Prof. Wimberley per semester	\$36.00
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Harmony, (Private lessons) Prof. Wimberley	
per semester -----	36.00
Harmony (Class of five or more) per semester --	10.00
Pipe-Organ, Prof. Wimberley, per semester ----	40.00
Counterpoint, Canon, Fugue, Composition, each	
per semester -----	10.00
Instrumentation, per semester -----	15.00
Ear-Training and Sight-Singing, per semester --	10.00
Ensemble and Conducting -----	Free
Normal training class -----	10.00
Interpretation, Musical History -----	10.00
Commercial, Shorthand and Stenotypy Tuition	
Full course—nine months—either course -----	\$36.00
Four months -----	33.00
Three months -----	25.00
One month, four weeks -----	10.00

Agriculture

Four months -----	\$33.00
Three months -----	25.00
One month, four weeks -----	10.00

FOUNDATION COURSES

Law

Storm Lake, being a county seat, offers advantages to the student who expects to enter the legal profession. He may in addition to forensics, history, economics and political and social science offered in the curriculum, work in some law office and by diligence advance his preparation for admission to the bar.

Theology

The attention of all students expecting to enter the ministry is called to the courses in Bible, comparative religions, philosophy and sociology by which students are prepared to enter any Theological seminary without examination.

Medicine

Those desiring to enter the medical profession will at once see the advantages offered in this school in the courses of Chemistry, Zoology and Botany.

Teaching

The Department of Education offers a major course to students expecting to enter the profession of teaching. The work of this institution is well recognized by school boards and superintendents. Graduates are entitled to receive five year State Teacher's Certificate without further examination as the college is ranked as an Accredited College by the State Board of Educational Examiners.

The college also offers a two years course in both Education and Home Economics approved by the State Board. On completing these courses students are entitled to receive the preliminary third grade state certificate without examination.

TERMS OF ADMISSION

All candidates for admission must give satisfactory evidence of good moral character; those who have

been identified with other colleges must present certificates of honorable dismissal.

Students may be admitted to Buena Vista college by any of the following methods: (1) by completing one of the courses in Buena Vista College Academy; (2) by presenting a certificate showing thirty semester credits of acceptable work completed in an accredited high school or academy; (3) by presenting credits or a certificate from some other college in good standing; (4) by taking an examination in the subjects required for admission. No person will be admitted to advanced standing later than the beginning of the senior year.

Those seeking admission by certificate should secure blanks from the college; these blanks should be filled out fully, signed by the principal or superintendent of the high school or academy where credits are recorded and returned to the registrar at least one week before the opening of the college in September. Candidates from accredited schools may take examinations in the subjects for which acceptable credits are not presented. Entrance examinations are held on the Monday preceeding registration day.

For admission to the Freshman class of Buena Vista College candidates must offer a total of thirty semester credits from the following list:

Language—Minimum four credits. Latin, German, French, Greek, any language must have two years credit to be accepted for entrance.

History—Minimum two credits. Ancient, Medieval and Modern, English, American (after Ancient), Civics, Economics.

Mathematics—Minimum five, maximum seven credits.

Algebra (required). Plane Geometry (required). Solid Geometry, Arithmetic (after Algebra).

Science—Minimum two, maximum eight credits. Physics (preferred), Zoology, Botany, Physiography, Physiology, Chemistry.

English—Minimum six, maximum eight credits. Composition, Rhetoric, English Literature, American Literature. Uniform College Entrance Requirements in Classics.

Commercial Branches—Maximum four credits. Commercial Law. Commercial Geography. Double-entry Bookkeeping, History of Commerce.

Industrial Branches

Agriculture, one credit.

Manual Training, one credit.

Domestic Science, one credit.

GRADUATION

Degrees

On recommendation of the Faculty the Board of Trustees awards the degree of Bachelor of Arts to those who have gained one hundred and twenty credits fulfilling the requirements of any accepted group, except group XI, and the degree of Bachelor of Science in Home Economics to students majoring in group XI. One credit in Bible is required for each semester in attendance.

Honors

On graduation from college, the distinction of "Magna cum Laude" is conferred for a grade of three-fourths A's. That of Cum Laude for one-half A's.

The Group System

Beginning with the Academic year 1903-4 the courses of study were arranged according to the group system. which in recent years has been adopted by many institutions. The studies are arranged in various groups, in each of which there is one leading subject called Major and correlated subjects called Minors.

Collegiate Department

In the Major eighteen credits are to be secured, one recitation per week in a subject for a semester giving one credit. See the topic, "Terms of Admission" for the preparatory work required for entrance into the several groups.

The required subjects, including Majors and Minors, embrace those subjects which by general consent must be included in any scheme of liberal education. Eighteen credits are required for a Major and twelve credits are necessary for a Minor subject. One hundred twenty credits are required for graduation and one recitation per week in Bible, is required of all students during each year of their college course. Under "Department in Detail" is designated in what year each topic may be taken as an elective.

Each student is required to pursue one Major subject and one Minor subject and secure the designated number of credits in the same.

The Majors and Minors are chosen at the close of the Sophomore year. In the choice of a Major the student should confer with the professor in charge with a view to planning for the entire group of courses connected therewith.

This grouping as planned, is then filed in the college office for subsequent reference and checking of credits as obtained. The subjects open for Major work are as follows: Greek, Latin, Mathematics, German, French, Philosophy, Laboratory Science, Political Science, Education, English, History and Home Economics.

Those who are not candidates for a degree may, without examination, join any class for which they are prepared and thus pursue a partial course.

The Groups

I		III	
Latin	18	German or French	18
Greek, German or French	12	French or German	12
Mathematics	6	Philosophy 1, 2, 3	12
English	12	English	12
Philosophy 1, 2, 3	12	Mathematics	6
Chemistry	8	Chemistry	8
Biology	8	Biology	8
History	12	History	6
Bible	8	Bible	8
Electives	32	Electives	38
II		IV	
Mathematics	18	Philosophy 1, 2, 3	18
French or German	12	Economics and Sociology	12
Physics and Chemistry	12	History	12
English	12	German or French	12
History	6	English	12
Philosophy 1, 2, 3	12	Mathematics	6
Biology	8	Chemistry	8
Bible	8	Biology	8
Electives	40	Bible	8
		Electives	32

V

Chemistry, Physics	18
Mathematics	12
German or French	12
English	12
Biology	8
Philosophy 1, 2, 3	12
History	6
Bible	8
Electives	40

VI

Biological Science	18
Chemistry and Physics	12
German	12
French	6
Mathematics	6
English	12
History	6
Philosophy 1, 2, 3	12
Bible	8
Electives	36

VII

Economics and Sociology	18
History and Political Science	12
German or French	12
English	12
Mathematics	6
Philosophy 1, 2, 3	12
Chemistry	8
Biology	8
Bible	8
Electives	32

VIII

Education	18
History	12
German or French	12
English	12
Philosophy 1, 2, 3	12
Economics or Sociology	6
Chemistry	8

Mathematics	6
Biology	8
Bible	8
Electives	26

IX

*English	18
History	12
Language	12
Mathematics	6
Chemistry	8
Philosophy 1, 2, 3	12
Sociology	6
Biology	8
Bible	8
Electives	38

*In addition to Eng. 1.

X

History and Political Science	18
Economics and Sociology	12
German or French	12
English	12
Mathematics	6
Chemistry	8
Philosophy 1, 2, 3	12
Biology	8
Bible	8
Electives	32

XI

Domestic Science	18
Domestic Art	12
English	12
Mathematics	6
Chemistry	8
Physiology	4
Bacteriology	4
Philosophy 1, 2, 3	12
History	6
Biology	8
Bible	8
Electives	30

Necessary preparation for Group one is the four years Academy Latin. Necessary preparation for Group three is the work offered in the two years Academy German.

Necessary preparation for Group IX is the three years High School English and Freshman English required of all.

Order of Studies Required

Freshman year—14-16 hours.

First Semester	Second Semester
Mathematics 1.	Mathematics 1.
English 1.	English 1.
Chemistry 1.	Chemistry 1.
Second Language or English	Language.
History.	Second Language or English
Bible.	History.
	Bible.

Sophomore year—14-16 hours.

Second year of language if in group chosen.

Second year of second language if in group chosen, or European history.

Biology 1.

English 7.

Psychology.

Otherwise any four of Greek, Latin, German, French, English 2, Mathematics 2, Chemistry 2, Physics 1, Oratory, Political Science.

Junior and Senior years 14-16 hours—Elective according to chosen group and Bible.

DEPARTMENTS OF INSTRUCTION

In the following pages you will find the various departments of instruction outlined, giving the subjects taught and the length of time given to each, also the number of hours per week required on each subject and credit to be received.

BIBLICAL INSTRUCTION

Rev. R. D. Echlin, D. D.

The department of Biblical instruction offers four general courses. In these the Bible will be the text book. The purpose of the study will be to examine the book itself from the historical point of view. The literature of the Bible will receive attention. The practical use of the Bible in conduct and experience will not be overlooked. The great aim of the history of which the Bible is the record, to prepare for, record, and explain the coming of the Savior, will be kept in mind at all times.

As occasion arises, courses will be offered in Theism, Comparative Religions, Church History and Missions. Only one course at a time will be offered in these subjects and each course will run for a single semester. The preference of the class will be consulted as to which subject is studied.

1. Bible, Genesis to Job.
 2. Bible. Psalms to Malachi.
 3. Bible. The Gospels.
 4. Bible. Acts to Revelation.
 5. Bible. Theism, Comparative Religions, Church History, Missions, Evidences of Christianity.
- One semester, one hour, one credit.

BIOLOGY

Professor Burns

In Biology we find a subject that is valuable to the student not only because of the information about living things which it supplies, but more so because the principles of organization, growth, and development,

are set forth. The more clearly one understands his relationship to the other living things of the earth, the better fitted he has become as a citizen.

The department is so organized that three years of work may be secured. During the first year General Biology is studied thus giving a foundation for all of the other work in the department. In the second year Bacteriology and Physiology are the major subjects or if the student wishes he may choose to take these in the third year and in their stead take the courses in Zoology. It is advisable to take courses 11 and 12 in the third year.

1-2—General Biology

The student is made acquainted with the principles of Biological Science from various points of view. Beginning with the study of protoplasm and the cell, the fundamental principles are discovered and the student is then led to the simplest forms of life. After gaining a thorough understanding of the "cell theory" the ascending series of plants and animals is studied.

In the laboratory live material is used wherever possible. With the use of the microscope, and by means of field trips the student gains a first hand knowledge of the subject. In the lecture room a further understanding is gained from the use of charts, black board sketches and lantern slides.

Three hours lecture, recitation, and quiz with four hours laboratory a week, four credits, two semesters.

3—Invertebrate Zoology

The course deals with the life history, habits, economic importance, comparative anatomy and relationships of the invertebrates. It is intended to give the student a knowledge of animal organization and of the principles of classification.

Two hours lecture and recitation with three hours laboratory a week, three credits, first semester.

4—Vertebrate Zoology

The study of selected types of vertebrates forms the basis for a comparative point of view to be fully established. Wiedersheim's Comparative Anatomy of Vertebrates is the text used

in recitation and Pratt's Vertebrate Zoology serves for a guide in the laboratory for the study of the type forms. The Skate, Shark, Necturus, Turtle and Pigeon are dissected.

Two lectures and recitation periods with five hours laboratory a week, four credits, second semester.

7—Physiology and Hygiene

The plan of the course is to give the student a knowledge of the normal physiological processes of the human body. Special attention is paid to the physiology of alimentation. Parallel with the study of the various structures of the body the subject of their hygiene is taken up. This course is adapted to meet the demands that arise in the daily life of the student.

By special arrangement the course may be taken without the laboratory but will not apply on a department major when taken in this way. Three hours lecture and recitation a week with one three hour laboratory period, four credits, second semester.

8—Botany

Not given in 1917-18.

It is the object of this course to give in a more advanced form the biology and morphology of typical plants selected from the more important natural groups. By means of laboratory and field work the ecology and classification of plants receive attention during the spring months.

Two recitations and two two hour laboratory periods a week, three credits.

9—General Bacteriology

Primarily this is a laboratory course combined with lectures, readings and recitations. In the laboratory the student is made acquainted with the usual bacteriological technique, such as the preparation of culture media, cultivation and staining of bacteria, study of the forms of bacteria under the microscope, study of the physiological action of bacteria, and their relation to foods, sanitation and infectious diseases. Such matters as fermentation, immunity, and the control of epidemics will also be considered. This course is designed to meet the demands of the Department of Home Economics, and will be limited to six. Elementary Chemistry or Biology 1 is a necessary prerequisite.

Eight hours a week, lecture, recitation and laboratory, four credits, first semester.

11—Microscopic Technique

Students taking their major in this department may take one or two hours of work in the preparation of animal or plant material for microscopic study. This course is to be taken only in connection with some advanced course in Zoology or Botany.

12—Biological Problems

Special topics for investigation, either in the field, laboratory or library may be assigned to advanced students. Credits and hours to be arranged.

CHEMISTRY

Professor Preston

The department of Chemistry offers a series of courses covering three years of work. Emphasis is placed upon laboratory work. Such facilities are offered that students may in this period of time prepare themselves for modern laboratory practice. The work of the first year consists of a thorough course in general chemistry, including a study of the fundamental laws and theories of chemistry, and the properties of the non-metallic and metallic elements and their compounds. This is followed in the second year by Qualitative and Quantitative Analysis, essentially a laboratory course, and in the third year by Organic Chemistry.

1—General Chemistry

Prerequisite, elementary physics.

Text, Outlines of Chemistry, Kahlenberg.

During the first part of the course after studying a few common elements in order that the student may become acquainted with chemical phenomena and terminology, special emphasis is placed upon the laws and theories of chemistry. After this the non-metallic elements and their compounds will be the subject of study. This will be followed by a study of the met-

als. Throughout the course special attention will be paid to those processes which are of commercial importance. Reports upon industrial processes will be required. Lectures, recitations, problems, laboratory practice.

Throughout the year, three recitations and two 2 hour laboratory periods weekly, four credits.

2—Qualitative Analysis

The work will cover the usual study of the reactions of metallic salts and the separation and identification of the metals and acid radicals when present in the same mixture. Instruction will include laboratory work with occasional oral and written quizzes.

First semester; two recitations. three laboratory periods, four credits.

3—Quantitive Analysis

Practice in both gravimetric and volumetric methods. Study of metals, acids, alloys, limestones, and dolomites. Principles of acidimetry, alkimetry, oxidation and reduction methods, iodimetry, and sanitary water analysis.

Second semester; two recitations; three laboratory periods, four credits.

4—Organic Chemistry

A systematic study of the aliphatic series of hydrocarbons and their derivatives. Recitations, quizzes, and reference work.

First semester; two recitations and two three hour laboratory periods, four credits.

5—Advanced Organic Chemistry

A continuation of Course 4. Study of the aromatic series and their derivatives. Recitation and laboratory work.

Second semester; two recitations and two three hour laboratory periods, four credits.

6—History of Chemistry

This course is designed primarily for students who have two or more years of Chemistry. Its aim is to bring before the student the biography and work of the men who have made the science what it is.

ECONOMICS

Professor Sherman

1-2—Principles of Economics

Given in 1917-18.

A general elementary survey of the science of Economics. First semester, a study of theoretical Economics including Demand and Supply, Value and Price, and Distribution.

Second semester, work in practical Economics in such fields as Money and Banking, Transportation, International Trade, Trusts, Labor, Insurance and Socialism. Two semesters, three hours, six credits.

Text: Seager's "Principles of Economics."

3-4—Banking and Finance

Given in 1916-17.

First semester devoted to a study of money and banking with particular attention to the currency and national banking system of the United States, based on White's "Money and Banking" as a text.

Second semester, a course in public finance treating the problems of taxation and public expenditure. Two semesters, three hours, six credits.

5—Business Organization

Given in 1916-17.

A course dealing with the various forms of present business organization, including trusts, pools, and corporations and the chief problems connected with them. A part of the time will also be devoted to a study of insurance and its part in modern business. First semester, three hours, three credits.

Text: Lough's "Corporation Finance."

6—Labor Problems

Given in 1917-18.

A thorough discussion of the chief social and economic questions arising from present labor conditions and the principal remedies for them. Second semester, two hours, two credits.

Text: Adams and Sumner's "Labor Problems."

7—History of Commerce

Given in 1917-18.

A systematic study of the development of commerce from the earliest times to the present with special attention to its influence upon history and economic development. Second semester, two hours, two credits.

Text: Day's "History of Commerce."

SOCIOLOGY

Professor Sherman

1—Principles of Sociology

Given in 1916-17.

A survey of the origin, structure and organization of society, the functions of the various social groups, the relation of society to heredity and environment, a general theory of society. First semester, three hours, three credits.

Text: Giddings' "Elements of Sociology."

2—Applied Sociology

Given in 1916-17.

A consideration of the important sociological problems of the present, such as Population, Housing Conditions, Misery. Pauperism, Crime, Degeneracy, Eugenics and Social Reforms. As much field work will be done as time permits. Second semester, three hours, three credits.

Text: Ellwood's "Sociology and Modern Sociological Problems."

3—Society and Intemperance

A study of the various forms of intemperance with attention primarily to the liquor traffic, its effects upon society and the ways of suppressing it. First semester, two hours, two credits.

Text: Warner's "Social Welfare and the Liquor Problem."

This course will be given every year.

EDUCATION

Professor Drake

1—Principles of Education

The purpose of this course is to introduce and emphasize the fundamental principles underlying the educative and learning processes. Education is studied from the standpoint of biology, neurology, psychology, anthropology and sociology. Bolton's Principles of Education is used as a text book, and the work consists of informal lectures, discussions, supplementary reading and occasional written discussion. Two semesters, three hours, six credits.

2—History of Education

A survey of education in its development from earliest times to the present day. A careful study of the most significant movements and tendencies in each period, and to the work of educational reformers.

Two semesters, two hours, four credits.

3—General Methods

This course consists of a consideration of the fundamentals of methods, together with a study of their underlying psychological principals. Text book, supplementary readings, observation and reports, for primary and grade work supervised practice teaching in the Storm Lake public schools.

First semester, two hours, two credits.

4—School Management

The problems of organization and class-room management are considered in this course. The practical application of psychology to the subject are pointed out. Readings, discussions, observations and reports.

Second semester, two hours, two credits.

5—School Hygiene

The factors that condition the health and development of school children. The aim of the course is to give practical knowledge which will enable the teacher to recognize and control these factors.

First semester, two hours, two credits.

6—Child Study

A study of the child during the first twelve years; its physical and mental development and characteristics, and the bear-

ing of these facts upon educational principles and practice.

Second semester, two hours, two credits.

7—High School Problems

The course consists of consideration of such topics as the organization and management of the high school; its place in the educational system, the state and the community; the high school principal and teacher; equipment, curricula, and program. Readings, informal lectures, and discussions.

Second semester, two hours, two credits.

Four Year Course For Teachers

Graduates of the four year college course are entitled to receive the First Grade State Teacher's Certificate without further examination. The college course must include fourteen hours of education and six hours of psychology. The following courses constitute the work in Education.

1. Psychology: Six semester hours.

2. Education: Fourten semester hours.

(a) Principles and science of education. Limited to eight semester hours.

(b) History of education. Limited to eight semester hours.

(c) General and special methods of teaching. Limited to four semester hours,—two hours of general methods must be taken in the department of Education.

Note: Under this head accredited colleges may offer courses in methods of teaching secondary subjects to students who have made majors of these subjects.

(d) Electives in professional courses:

History of Industrial and Vocational Education.

Child Study.

History of Philosophy.

Adolescence.

Organization of the High School.

The High School Curriculum.

The High School Student.

Secondary Education.

Supervision or School Administration.

Note 1: No credit will be given for any course in Education which requires less than two hours in one semester.

Note 2: A college of Liberal Arts may offer Psychology as early as the sophomore year and not to exceed six semester hours of work in Education in the first two years.

THE STANDARD REQUIREMENTS FOR A TWO YEAR NORMAL COURSE—ACCREDITED

For the Third Grade State Certificate, Department
of Public Instruction, State of Iowa.

Specifications

1. Fifteen secondary units are required for admission.
2. The normal course must consist of seventy-two weeks.
3. One fourth of this normal course shall be given to pedagogical subjects including psychology, school management, history of education and methods of instruction. Three hours of methods must be given to grade work without college credit.

Freshman Year First Semester

Mathematics	3	hours
Chemistry	4	hours
English	3	hours
History	3	hours
*Methods (Grade) 3		hours

Second Semester

Mathematics	3	hours
Chemistry	4	hours
English	3	hours
History	3	hours
Child Study	2	hours

Sophomore Year First Semester

**Psychology	3	hours
English	3	hours
Biology	3	hours
Gen. Methods	2	hours
Hist. Education	2	hours
***Elective	3	hours

Second Semester

**Psychology	3	hours
English	3	hours
Biology	3	hours
School Man.	2	hours
Hist. Education	2	hours
***Elective	3	hours

*Methods in grade work will not receive college credit, but required of all.

**Psychology will be taken as a regular study of the Soph. year.

***A foreign language is advised as it will more nearly comply with the terms of graduation.

ENGLISH

Professor Wilcox

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language; to aid the student to an appreciation of good literature by a study of selected masterpieces.

Those wishing to major in English should take Course 2, and six hours beyond the required courses, 1 to 7.

Those taking major work in this department will consult with the Head of the department before enrolling for Junior and Senior work.

Students wishing a recommendation from this department for the teaching of English are advised to take Course 10.

1—Rhetoric and Composition

Themes with class and individual criticism. Emphasis is put on oral composition, and the practical value of learning to write. Required of all Freshmen. Text: Wooley's Handbook of Composition; Brown and Barnes The Art of Writing English.

1. Description and Narration. Reading from representative writers.

First semester, three hours, three credits.

2. Exposition and Argumentation. Readings from representative writers.

Second semester, three hours, three credits.

2—Literary Forms

Offered in 1917-18.

Required of those majoring in English.

1. The history and principles of English metre. Poetical forms. Typical selections will be read. Note book required.

Text: Gummere: Handbook of Poetics.

First semester, three hours, three credits.

2. Analysis of prose selections. Themes required. Text: Genung's Rhetorical Analysis.

Second semester, three hours, three credits

3—Victorian Age

Offered in 1917-18.

Reading and interpretation; assignments and reports; papers on topics suggested by reading. Open to Juniors and Seniors.

1. Tennyson, Browning.

First semester, three hours, three credits.

2. Minor poets; Rossetti, Clough, Matthew Arnold, Swinburne, and Morris.

3. Prose writers; Macaulay, Carlyle, Matthew Arnold, Ruskin, Newman.

Second semester, three hours, three credits.

4—The English Drama

Omitted in 1917-18.

Open to Juniors and Seniors.

1. A study of the development of the English drama from the earliest Greek period through the Elizabethan Age. The laws of the drama. Representative plays from each period of its development. Extensive readings, and reports.

First semester, three hours, three credits.

2. A study of the following works of Shakespeare: Hamlet, Love's Labor's Lost, Midsummer Night's Dream, Richard III, Romeo and Juliet, Henry V, As You Like It, Twelfth Night, Othello, King Lear, Macbeth, Coriolanus. The Tempest.

Second semester, three hours, three credits.

5—Classicism

Omitted in 1917-18.

Open to Juniors and Seniors.

A special study is made of Dryden and Pope. Some study is made of their contemporaries in poetry and the drama. Readings, reports, discussions.

Second semester, two hours, two credits.

6—Literary Criticism

Omitted in 1917-18.

Open to Juniors and Seniors.

A study of the laws and principles of literary criticism and their application to various masterpieces. Criticism by master critics studied; reports, readings, discussions.

First semester, two hours, two credits.

7—English Literature

A general survey of the subject. Required of all students.

The aim of the course is to make clear the relation of the writer to his own age, and of one age, or period to another.

Collateral readings; note book; occasional papers. Texts: Moodey and Lovett's *The History of English Literature*; *The Century Readings in English Literature*.

1. From Anglo-Saxon to Pope.

First semester, three hours, three credits.

2. From Pope to the present time.

Second semester, three hours, three credits.

8—The Short Story

Omitted in 1917-18.

The short story as a distinct literary form. Study will be confined to the American short story.

First semester, three hours, three credits.

9—American Literature

Omitted in 1917-18.

The history of the development of American Literature; characteristics of its literary periods; representative writers and their works.

Second semester, three hours, three credits.

10—Teacher's English Course

Offered in 1917-18.

This course includes a review of English grammar; a study of the history and formation of the English language; a review of the classics required for college entrance; the methods of teaching elementary rhetoric and composition; papers; discussions; and some practice teaching.

Two semesters, two hours, four credits.

11—Journalism

Practice in newspaper reporting, in editorial work, in the preparation of special articles, and in other forms of journalistic writing. The history and development of the American press. Special talks on various phases of journalistic work. Hour to be arranged.

Two semesters, one hour, two credits.

12—Advanced Composition

This course is planned to help the student to write effectively, and so far as possible, with creative power. Attention will be given to oral composition. Weekly themes, impromptu exercises, and reports on assigned subjects will be required. Recom-

mended to students expecting to enter inter-collegiate contests.

1. Special study is given to the essay, together with a brief history of its development.

First semester, two hours, two credits.

2. Forms of public address. Special study is given to the oration, together with a brief history of oratory.

Second semester, two hours, two credits.

FRENCH

Professor Fracker

1—Elementary Lessons and Reading

Two semesters, three hours, six credits.

After course 1, one of the following courses may be taken:

2—The Drama of 1600 to 1800

Two semesters, three hours, six credits.

3—Present Day Writers

Two semesters, three hours, six credits.

4—History of French Literature

A brief study of French Literature with the reading of several masterpieces.

Two semesters, three hours, six credits.

GEOLOGY

Professor Burns

An introduction to the entire field of Geology. The fundamental geological principals used by nature in bringing the earth to its present degree of perfection is included. Stress is placed upon all dynamic principles and while elementary in nature the work will be thorough and fundamental. Open to Sophomores, Juniors and Seniors.

Second semester. three recitations and lectures a week, three credits.

GERMAN

Professor Fracker

1—Reading and Composition

This course presupposes our two years of academy work and consists of advanced composition and readings from the classics.

Two semesters, three hours, six credits.

2—Present Day Writers

Readings from present day writers.

Two semesters, three hours, six credits.

3-4—Electives

For these years is offered a selection from the following courses which each cover one year, three times a week.

1. History of Germany and German Literature with reading of several masterpieces. (Will be given 1914-1915 and in alternate years.)

2. Readings in modern German literature.

3. Life and works of Goethe.

4. Life and works of Schiller.

5. Teachers' course for those purposing to teach German in High Schools.

GREEK

Professor Parkhill

A course of Beginning Greek is open to Freshmen. A sufficient quantity is required for College credit according to hours.

1—Homer

The Iliad is read and the study of the ancient literature and history of the Greeks taken first semester; three hours, three credits.

2—Plato

Apology and Crito. Second semester; three hours, three credits.

3-4—Greek Drama

Aechylus, Euripides, Sophocles. Two semesters, three hours, six credits.

5-6—The Orators

Lysias, Demosthenes, and others. Two semesters; three hours, six credits.

7-8—New Testament and History

Two semesters; three hours, six credits.

9—Grecian History

Required of all who major in Greek. One semester; two hours, two credits.

HISTORY AND POLITICAL SCIENCE

Professor Sherman

The aim in this department is to familiarize students with the great issues and developments of the past in order to better understand the present. Less emphasis is placed on minor details and dates and more on the broader significance of events. Effort is made to cultivate an intelligent and rational view of the past and present which will prove an asset to useful citizenship later.

HISTORY**1-2—Medieval European History, 476-1789**

Given in 1916-17.

This course begins with the fall of Rome, 476, and will consider successively the Dark Ages, the rise of the Nations, the Reformation and the History of Western Europe up to the time of the French Revolution. This course is open to Freshmen, and it is strongly recommended that students take it previous to the other courses in the department. Two semesters, three hours, six credits.

Text: Robinson's "History of Western Europe."

3-4—Modern History of Europe, 1789-1916

Given in 1917-18.

A continuation of Courses 1-2. A thorough study of modern European History including the French Revolution, the Napoleonic Era, the reconstruction of Europe after the overthrow of Napoleon, the Industrial Revolution, the Unification of Germany and Italy and the later international developments in European Politics. The causes and progress of the present

European War will be discussed. Two semesters, three hours, six credits.

Text: Robinson and Beard's "Development of Western Europe," Vol. I. and II.

5-6—American History

Given in 1916-17.

A general course in the history of the United States including the political, constitutional, social and economic aspects. First semester, a study of the causes leading to the settlement of America, the period of colonization, colonial life and institutions, the American Revolution and the adoption of the Constitution. Second semester, a view of American national development, the western expansion movement, the rise of the slavery question, Civil War and Reconstruction and the United States as a world power in recent years. Two semesters, three hours, six credits.

Text: Hart's "Epochs of American History."

7—English History

Given in 1917-18.

An advanced course designed for Juniors and Seniors. A thorough study of the political, social and economic issues in English History with particular emphasis upon their influence on present conditions. The text is supplemented by lectures and extensive reference reading. First semester, three hours, three credits.

Text: Walker's "Essentials in English History."

8—Economic History of England

Given in 1916-17.

A specialized course tracing the commercial and industrial development of England from 1300 to the present, including the decline of serfdom, the rise of colonial commerce, the Handicraft System, the Industrial Revolution and the prosperity of the Nineteenth Century. History 7 a prerequisite. Second semester, three hours, three credits.

Text: Cheyney's "Introduction to the Industrial and Social History of England."

9-10—Ancient History

Given in 1916-17.

A survey of the leading nations of the Ancient World. First semester, the history of Greece including its rise, conditions of civilization, decline and permanent contributions to later history. Required of those majoring in Greek. Second semester,

Roman History treated in a similar manner. Required of those majoring in Latin. Two semesters, two hours, four credits.

Text: Morey's "Outlines of Ancient History."

11-12—Current History

Given in 1916-17.

First semester, China and the Far East. A study of the past history of China and Japan, the present condition of civilization in these countries and their part in world politics; also of the American administration in the Philippines.

Second semester, Latin America. A comprehensive study of the past history of the states of Mexico and South America, their origin, customs and problems. Special emphasis laid upon the Monroe Doctrine and the relations of the United States and Latin America. History 5-6 a prerequisite. No regular text is used, the work being by lectures and extensive reference reading from the best authorities. Two semesters, three hours, six credits.

13—Principles of Research

Given in 1917-18.

A course in the practical investigation of historical problems based upon extensive work in standard books, periodical literature and other material. Especial attention given to reports, book reviewing and criticism of material. This is especially valuable to those intending to pursue graduate work, and students majoring in History are strongly advised to elect it.

Not open to Freshmen. The equivalent of two hours a week, second semester. Two credits.

POLITICAL SCIENCE

1-2—American Government and Politics

Given in 1917-18.

First semester, a view of the circumstances surrounding the development and a thorough analysis of the present Federal Government and its various departments at work.

Second semester, a study of State and Local Government in the United States with special reference to the State of Iowa. Two semesters, three hours, six credits.

Text: Beard's "American Government and Politics."

3—International Law

Given in 1916-17.

A survey of the fundamentals of international law especially as concerned with war, peace and neutrality. An analysis is made of a number of important cases. This course is not intended to be an exhaustive study but to furnish a working basis for understanding the common issues involving the international code. Course 1-2 a prerequisite. First semester, three hours, three credits.

Text: "Lawrence's Principles of International Law."

4—American Municipal Government

Given in 1916-17.

A course showing the principal forms of city government in the United States with their merits and defects, attention also given to current problems of municipal administration. Second semester, three hours, three credits.

Text: Goodnow's "City Government in the United States."

HOME ECONOMICS

Professor Coles

The aim of the study of Home Economics is not only to train homekeepers but so to improve these household activities by the study of the sciences and the arts connected therewith that household conditions will be made better; the individuals within the home made healthier, happier and more efficient; and the state elevated.

Scientific knowledge relieves housework drudgery, making the daily work in the home of fascinating interest instead of monotonous labor. Home Economics embraces the application of the science of Bacteriology to the study of home sanitation and hygiene; of Physiology and Chemistry to the composition of the foods and their effect on the body; of Phy-

ics to the heating, lighting and ventilation of buildings.

While the course is based upon the scientific studies which contribute to the knowledge required in the intelligent conduct of the home, the laboratory training makes the work highly practical. In the kitchen laboratory a standard system of measurements is used and constant drill is given in neatness and accuracy in work.

Instruction is given in Domestic Art also. The courses include all the various kinds of hand sewing, cutting and making of garments, practice in machine sewing with the use of the attachments and a complete system of dress making. Commercial patterns are used in all courses.

Domestic Art

1. Sewing. Hand sewing including the stitches, seams, the making of buttonholes and their application. The use and care of machines, economical cutting of materials, fitting of garments and choice of material from the standpoint of economy and beauty. Alteration and use of commercial patterns in making of undergarments, waist and dress. Household mending is studied.

First semester. Laboratory three, 2 hours, three credits.

2. Advanced Sewing. A study of costume, points to be considered in the planning of gowns, selection of materials, color, harmony, line and proportion. These problems are applied to a made over dress and a spring dress of light weight material. Comparison of home and factory made clothing, hygienic factors involved in clothing, economic and sociological aspects of the clothing industry.

Second semester. Laboratory two, 2 hours, recitation 1 hour, three credits.

Prerequisite, Domestic Art 1.

3. Textiles and Clothing. A study of the various textiles; the evolution of spinning and weaving, laundering, dyeing of cotton, wool, silk, and linen. Suitability of textiles to household

purposes. Comparison of home and factory made clothing; hygienic factors involved in clothing; economic and sociological aspects of the clothing industry.

One semester, two hours, two credits..

5. Costume Design. The application of principles of proportion and line to the figure, color combinations and tone values, applied to hats, costumes and accessories. The selection of costumes suitable for various occasions is studied.

First semester. Laboratory one, 2 hours, rec. 1 hour, two credits.

6. Household Management. The historic development of the house. The planning, decoration, furnishing, management and care of the house.

Second semester. Laboratory two 2 hours, rec. 1 hour, three credits.

Domestic Science

1. Food Principles. This is a study of the five food principles, their occurrence, chemical composition, the principles involved in their cookery, their digestibility, economic and dietetic values, desirable combinations; the reasons for cookery, and the history of the evolution of cooking utensils and methods. The laboratory work consists of two hours spent in experiments illustrating the facts given in class and in the actual preparation of foods. Prerequisite, one year general chemistry.

One semester, four hours, three credits.

2. Food Principles, continued.

One semester, five hours, three credits.

3. Foods—Advanced Cookery. Food preservation, a review and application of the principles outlined in Dom. Sci. 1 and 2 with more elaborate processes.

First semester. Laboratory two, 2 hours, rec. 1 hour, three credits.

Prerequisites: Dom. Sci. 1 and 2, General Chemistry.

4. Foods. Marketing, preparation and serving of meals. Practice in making Menus with reference to the season, cost availability of foods, combinations and fuel value. Actual experience in marketing, preparation and serving of meals.

Second semester. Laboratory two, 2 hours, rec. 1 hour, three credits.

Prerequisite: Dom. Sci. 3.

5. Dietetics. Prerequisite, physiology and chemistry. Thorough and scientific study of food materials in their relation to the daily dietary of families under various conditions; influence of occupation, climate, race, age, and sex upon diet; the relation of dietetics to various diseases; the feeding of children. Advanced cookery. One semester, four hours, three credits.

Laboratory—Breakfasts, luncheons and dinners are prepared and served.

One semester, five hours, three credits.

6. Dietetics, continued.

7. General Bacteriology. Eight hours a week, lecture, recitation and laboratory. Four credits. First semester. For description of course see Department of Biology.

8. General Physiology and Hygiene. Three recitations. One, three hour laboratory per week. For description of course see Department of Biology.

10. Home Nursing. Slight illnesses studied where the service of a trained nurse is not required; the simplest rules and remedies to be used in the care of the sick, and some general directions regarding the nourishment that should be given during convalescence; care and ventilation of the room, bathing, dressing, bandaging, bed-making, lifting helpless patients; remedies to be used in the case of emergencies while waiting for the physician; the care of children with reference to their feeding and clothing.

One semester, three hours, three credits.

11. Theory and Practice. The working out of the relation of the subjects of instruction included in a complete Home Economics course; the planning of courses for the grades and high school; necessary equipment, the management and care of the department, planning and presenting of lessons. Demonstrations and assisting in college classes.

One semester, two hours, two credits.

Two Year Course in Home Economics

First year

First Semester

Chemistry -----	4
Sewing -----	3
English -----	3
Food Principles -----	3
Elementary Methods -----	3

Second Semester

Chemistry -----	4
Physiology -----	4
English -----	3
Food Principles -----	3
Child Study -----	2

Second year

Psychology -----	3
Hist. of Ed. -----	2
Gen'l Methods -----	2
Dietetics -----	3
Bacteriology -----	4
Textiles -----	2

Psychology -----	3
Hist. of Ed. -----	2
Theory and Practice -----	2
Dietetics -----	3
Adv. Sewing -----	3
House Man. & Dec. -----	3

*Figures refer to number of credits given in each course.

LATIN

Professor Parkhill

1—Livy

Books XXI and XXII, Selections. First semester three hours, three credits.

2—Cicero

De Senectute at De Amicitia. Second semester, three hours, three credits.

3—Horace

Odes and selections from Epodes. Careful study of the meters and of the poetic style of the author. First semester, three hours, three credits.

4—Tacitus

Germania et Agricola. A critical study of the style. Second semester, three hours, three credits.

5—Roman Drama

Selected plays of Plautus and Terence. First semester, three hours, three credits.

6—Letters

Cicero, Pliny. Second semester, three hours, three credits.

7—Roman History

Required of all who major in Latin. One semester two hours, two credits.

8—Roman Antiquities

One semester, two hours, two credits.

9—Prose

One hour, two semesters, two credits. Required of all who major in Latin.

MATHEMATICS

Professor Stahl

1—College Algebra

A brief review of elementary Algebra. In reviewing the work, the student is led to see the subject matter from new points of view. Quadratics and simultaneous equations are illustrated by means of the graph. The course includes variation, progressions, binomial theorem, logarithms, determinants, the theory of equations, series, partial fractions, permutations, and combinations, and probability.

First semester, three hours, three credits.

2—Trigonometry

A standard course covering the usual topics in the subject. Many practical problems.

Second semester, three hours, three credits.

3—Analytic Geometry

Prerequisites, Courses 1 and 2.

An elementary treatment of the locus of an equation; the study of the straight line; conic sections, an introduction to the geometry of three dimensions.

Two semesters, three hours, six credits.

4—Calculus

Prerequisite, Course 3.

A course of a year covering differential and integral calculus, including its simpler applications and practical illustrations.

Two semesters, three hours, six credits.

5—Advanced Courses

Students electing to continue mathematics beyond three years may select from the following courses: Advanced Calculus, Differential Equations, averages and the Mathematics of Investments, and Advanced Algebra.

PUBLIC SPEAKING

Professor Sexton

1—Elements of Vocal Expression

Voice, Enunciation, Pronunciation, Platform Deportment. Confined to the elements of good speaking and reading, the purpose being to get voice control, poise, directness.

Prerequisite to courses 3 and 4.

Two hours, two semesters, four credits.

2—Argumentation and Debate

Careful study of principles and practice of argumentation and debate, devoting the first semester to principles of argumentation with laboratory exercises on the various topics covered, and spending the second semester in practical oral application of these principles and formal debates.

Prerequisite to courses 4 and 7.

Two hours, two semesters, four credits.

3—Reading and Dramatics

Dramatic reading with special emphasis on characterization and stage deportment. One month of each semester to be devoted to Story Telling.

Two hours, two semesters, four credits.

4—Extemporaneous Speaking

Miss Sexton

Informal public address. Practice in speaking for various occasions, after-dinner speeches, and in general, speaking "as a craft."

Two hours, one semester, two credits.

5—Intercollegiate Debating and Coaching

Professor Sherman

The preparation and participation in an inter-collegiate debate. Training of debating teams, two credits.

6—Lecture Work

Miss Sexton

Principles of lecturing and demonstrating. Open to seniors and Home Economics Department only.
One hour, one semester, one credit.

7—Oratory

Preparation and delivery of formal orations.
Two hours, one semester, two credits.
Eight credits for a degree are permitted.

PHILOSOPHY

Professor Drake

1—Psychology

This course is designed to give a general knowledge of psychology, physiological and descriptive. The work consists mainly of text book and supplementary readings, and discussions. A few practical experiments are introduced from time to time in connection with the class work. The course meets the requirement in psychology for the first grade state certificate.

2—Logic

Given in 1917-1918.

A study of the fundamental principles of deductive and inductive reasoning. Reading and discussions. Not open to Freshmen or Sophomores.

First semester, three hours, three credits.

3—Ethics

Given in 1917-1918.

A consideration of fundamental moral principles, from an historical and a theoretical stand-point, and of the application of these principles to practical problems. Not open to freshmen or sophomores.

Second semester, three hours, three credits.

4—History of Philosophy

Given in 1917-1918.

A study of the development of the principal systems of thought as conditioned by social, economic, and political factors. Text book and supplementary readings, informal lectures, frequent written discussions.

Two semesters, three hours, six credits.

PHYSICS

Professor Preston

Whether as a study of pure science, or as a preparation for engineering, medicine, or teaching, the fundamental principles of physical science are presented in so far as possible from the experimental standpoint. The lectures, recitations, readings, quiz work, and problems all have a direct bearing upon the principles involved in the experimental verification of physical facts. In the use of apparatus it is not intended that the student make useless measurements for the sake of learning to use an instrument, but rather that he learn to use an instrument for the sake of making a needed measurement. Exact measurements will be required.

Prerequisite, Trigonometry.

General reference texts: Text Book of Physics, Watson: Text Book of Physics, Duff.

1—Mechanics, Molecular Physics and Heat

Text: Mechanics, Molecular Physics, and Heat, Millikan.

First semester, three recitations and one three hour laboratory period weekly, four credits.

2—Electricity, Sound, and Light

Text: Electricity Sound and Light, Millikan and Mills.

Second semester, three recitations and one three hour laboratory period weekly, four credits.

3—Advanced Course in Light

Omitted in 1916-1917.

Prerequisite, Physics 2, and Calculus is advised but not necessary.

Text: Light for Students, Edser; General reference text: Theory of Light, Preston.

Geometrical optics, including optical instruments, and physical optics, including the wave theory of light, will be studied in detail. This course aims to give a careful scientific explan-

ation of common optical phenomena. Spectroscope, diffraction, interference, and polarization will be discussed. Recitations, problems, readings, quizzes.

First semester, three recitations, three credits.

4—Advanced Course in Heat

Omitted in 1916-1917.

Prerequisite, Physics 2.

Text: Heat for Advanced Students, Edser; Reference text, Theory of Heat, Preston.

A detailed study of the phenomena of nature which are due to heat, regarded from theoretical and practical standpoints. Thermometry, calorimetry, laws of thermodynamics, kinetic theory of gases, coefficients of expansion and conductivity, vapor pressures and densities, liquefaction of gases, freezing and boiling points, specific heats, hygrometry and pyrometry are some of the subjects upon which special emphasis will be put.

Second semester, three recitations per week, three credits.

SUB-FRESHMAN COURSES

Owing to the fact that the High School and the Consolidated School have become such prominent factors in the education of the State, Buena Vista college has dropped the first two years of its Academy course. The third and fourth years have been retained in order to provide the necessary Sub-Freshman work for students entering before completing the full High School course or who may have college entrance conditions to remove.

Admission: Students who give satisfactory evidence of having completed the studies covered by the eight grades of the public school course and of the ninth and tenth of the high school will be admitted to the third year classes.

Requirements for Graduation

For graduation from the academy thirty cred-

its are required. A credit is obtained when a study is carried for one semester, or eighteen weeks, with recitation five times a week. A recitation period is fifty minutes in length. A laboratory period equals two recitation periods in length.

The following subjects are required for graduation, viz.—
 Foreign language.....Minimum four, maximum eight credits
 EnglishMinimum six, maximum eight credits
 HistoryMinimum two credits
 MathematicsMinimum five, maximum seven credits
 Laboratory scienceMinimum two, maximum eight credits

The remaining seven credits are electives.

Notes on the Sub-Freshman Courses

1. The maximum amount of work a student may take is twenty hours a week unless special permission is obtained from the Faculty to enroll for more.

2. Language. The following work is offered: Latin lessons and Caesar, Cicero, Virgil; German grammar and readings; French grammar and readings; Spanish.

3. English. Composition, Rhetoric, English Literature, American Literature; uniform college entrance requirements in the classics.

4. History. Ancient, Medieval and Modern, American (After Ancient), English, Civics.

5. Mathematics. Algebra (required), Plane Geometry (required), Arithmetic (after Algebra).

6. Science. Physics, (preferred), Botany, Chemistry.

7. Commercial branches. Three credits may be obtained one each from Commercial Law, Commercial Geography, Double-entry Bookkeeping.

8. Vocational. One credit may be obtained in each of the following: Agriculture, Manual Training and Household Economics.

COURSE OF STUDY

Third Year

First Semester

Required

Geometry	-----5	hours
History	-----5	hours
English D	-----5	hours

Electives

Latin C	-----5	hours
Greek A	-----5	hours
German A	-----5	hours
Education	-----5	hours

Second Semester

Required

Geometry	-----5	hours
History	-----5	hours
English D	-----5	hours

Electives

Latin C	-----5	hours
Greek A	-----5	hours
German A	-----5	hours
Education	-----5	hours
Home Econ.	-----5	hours

Note:—In the Classical Course one language besides Latin C must be elected.

In the Scientific Course one language must be elected.

Fourth Year

First Semester

Required

Science	-----5	hours
English C	-----5	hours

Electives

Latin D	-----5	hours
Greek B	-----5	hours
German B	-----5	hours
Education	-----5	hours
Botany	-----5	hours
Home Econ.	-----5	hours

Second Semester

Required

English C	-----5	hours
Science	-----5	hours

Electives

Latin D	-----5	hours
Greek B	-----5	hours
German B	-----5	hours
Education	-----5	hours
Botany	-----5	hours
Home Econ.	-----5	hours

Note:—In the Classical Course one language besides Latin D must be elected.

Two years of any one language are required for college entrance.

BOTANY

A general introductory course in Botany consist-

ing of recitations and laboratory work. A definite knowledge of the forms, relationships, and activities of plants is obtained. Text, Bergen and Caldwell's "Practical Botany."

Five hours, second semester.

EDUCATION

A. Didactics. Two semesters. An elementary and general course comprising a study of school management, organization, and methods of learning and teaching.

B. Art of Teaching. First semester. A study of the aim and fundamental principles of teaching. Methods of teaching, general and special, are carefully considered with regard to their functions and limitations.

C. School Management. Second semester. The practical side of school activities is considered with special emphasis on such topics as the personality of the teacher, routine, discipline, incentives, programs.

ENGLISH

Text: American Literature, Long.

C. English Literature. Third year.

D. American Literature. Fourth year.

A note book will be kept on all reading done. A book review will be required each semester.

Text: English Literature, Halleck.

A note book will be kept on all reading done. A book review will be required each semester. One required classic will be read.

GREEK

The study of Greek begins in the third academy year.

A. Lessons. Text: First Greek Book, White; Grammar, Goodwin.

B. Anabasis. The second semester's work is a continuation of the first with the introduction of the Anabasis and composition when the beginner's work is completed.

FRENCH, SPANISH

An academy course in one of these languages will be given five hours a week, if requested by not less than four students. Request to be made to the Class Work committee.

GEOGRAPHY

A. Political. First semester. The object of this study is to see the earth's surface as it is; to know its natural divisions, their topography and climate and the people's industries and products fostered by those natural conditions. The commercial and political interrelations of the different parts will also be studied and a knowledge of places, boundaries, directions, etc., sufficient for the needs of business or of teaching school.

B. Physiography. Second semester. In this study drainage, land sculpture, vulcanism, climate, glaciation, and the influence of political environment on life-forms will be especially emphasized. Some time will be devoted to a study of the more common rocks

and minerals, thus laying a foundation for the study of geology, or for private field work if the student considers teaching.

GERMAN

Two years are offered in academic German.

A. Spanhoofdt's *Elementar-Buch* with elementary reading.

B. Joynes' *Woesselhoeft German Lesson Grammar*, or its equivalent, with more advanced reading.

HISTORY AND CIVICS

A. Ancient History. First semester, five hours, one credit. Myer's *Ancient History*.

B. Medieval and Modern History. Second semester, five hours, one credit. Myer's *Medieval and Modern History*.

C. English History. First semester, five hours, one credit. Cheney's *English History*.

D. American History. Second semester, five hours, one credit. James and Sanford's *American History*.

E. Civics. First semester, five hours, one credit. James and Sanford's *Government in State and Nation*.

HOME ECONOMICS

Domestic Art

A. Elementary Cooking. The study of the food principles, practice in cooking, planning menus and serving. Twice a week.

Sewing. Hand and machine sewing, use of patterns applied to useful articles. Twice a week.

House Management. Planning, furnishing and care of the house. Once a week.

First semester. Laboratory 5, 2 hours, one credit.

B. Continuation of H. E. A.

Second semester. Laboratory 5, 2 hours, one credit.

LATIN

A. First Year.

First Year Latin, five hours. The time is devoted mainly to pronunciation, forms and construction, and to securing a good foundation for translation. Given on request of four students.

B. Second Year.

Caesar, four hours. The first four books of Caesar's Gallic wars or the equivalent are read.

Latin Composition, one hour. During the year the student's attention is directed mainly to the construction of the language. Text book: Bennett's Prose.

C. Third Year.

Cicero. The six Catilinarian orations, and one other writer are read. Construction work also has an important place.

D. Fourth Year.

Vergil. Six books of the Aeneid are read.

Text book: Bennett's Vergil and Gayley's Classic Myths.

MATHEMATICS

Academy

1. Algebra. Two semesters. A first course in Algebra covering the elementary branches and extending through quadratic equations.
 2. Plane Geometry. Two semesters.
 3. Advanced Algebra. First semester.
 4. Advanced Arithmetic. Second semester.
 5. Solid Geometry. Second semester.
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PHYSICS

Physics A. Elementary Physics. A year's course in the systematic study of the fundamental principles of physics. Excellent equipment for laboratory work is available.

Prerequisite, Algebra.

Text: First Course in Physics, Millikan and Gale.

Throughout the year, three recitations and two laboratory periods per week.

AGRICULTURE

Professor Herren

The Department of Agriculture has been placed upon an efficient basis. Beginning December 1, 1914, a four months short course was offered. An excellent library of standard works on agriculture has been started. A laboratory for the study of soils and farm products has been equipped with up to date apparatus and ten credit hours per week are devoted to the laboratory and lecture work.

A course in Agriculture will be offered in 1916-1917 beginning December 1st and running to April 1st.

A teacher's course of twelve weeks will be offered each semester covering the outline for agriculture issued by the State Department of Public Instruction.

The Department carries on a co-operative service in the community by examining and testing seeds for farmers and seedmen. During the spring and summer the co-operative experiments are carried out on the college plots under the direction of the Iowa State Experiment Association. The students in attendance during the short course are required to attend the local Farmer's Institutes in their respective sessions.

Outline of Short Course

1. A study of Iowa Soils.
2. Soil fertility and soil culture.
3. Judging corn and small grain.
4. A study of fertilizers.
5. Selection, care, and testing of seed.
6. A study of live stock, with practical work in judging at nearby farms.
7. Farm poultry.
8. Clovers and grasses.
9. A study of Silos and Silage, forage crops, and feeding methods.
10. Farm management, including a study of drainage and map work.

COMMERCIAL DEPARTMENT

Term Schedule

In this department the work is arranged by terms instead of semesters.

Fall term begins September 13, winter term be-

gins November 30, spring term begins April 4.

Students may, however, be admitted any Monday.

No Examinations

Students entering this department are not required to take entrance examinations.

Outline of Courses—Commercial

Fall Term—11 weeks, Winter Term—16 weeks, Spring Term—9 weeks.

Arithmetic and Rapid Calculation
Penmanship
Spelling
Bookkeeping
English
Arithmetic, 2 classes
Penmanship
Spelling, 2 classes

Commercial Law
Bookkeeping
English
Arithmetic, advanced
Spelling
Penmanship
Punctuation
Bookkeeping, advanced

Shorthand and Typewriting

Fall Term

Shorthand or Stenotypy
Typewriting
Spelling
Penmanship
English

Spring Term

Shorthand or Stenotypy beginning
Shorthand or Stenotypy dictation
Typewriting

Spelling

Penmanship

Winter Term

Shorthand or Stenotypy advanced
Shorthand or Stenotypy beginning
Penmanship
Spelling
Office practice
Punctuation and Composition

Bible Study

Commercial students are not required to take Bible study, but as a matter of business, a knowledge of the Bible is valuable, hence Commercial students are urged to take regular Bible work in the classes that are organized for this purpose.

Post Graduate Work

Work in higher accounting and reporting will be given to those desiring advanced commercial or stenography work.

Bookkeeping

This work is divided into two parts: Preliminary, which takes from three to six months, according to the ability of the student; and Advanced or office work which, as a rule, takes the average student three months. Some, however, complete the work in less time.

The college bank gives actual practice in banking which is valuable training for a student whether he expects to be a banker or not.

Commercial Law

In this subject the student is taught the common every day laws governing business transactions. In this course the object is not to make lawyers of students, but rather to give practical information on points of common law.

Shorthand

We teach the Gregg system of shorthand which is rapidly becoming the universal system.

Shorthand offers to the ambitious young man or woman of today many advantages that are worth looking after. To the young woman desiring a means of making a livelihood, a knowledge of shorthand and typewriting will give better returns for the money and time invested than any line of work known. To the young man who expects some day to be in business for

himself and to be the employer instead of the employee, work as a stenographer or bookkeeper in the office of a successful business man will be very valuable experience.

“The Machine Way in Shorthand”

Stenotypy as a substitute for shorthand has more than proved the claim of the stenotype to be “The fastest writing machine in the world.” By this method instead of poorly made irregular characters the words are spelled out in plain English type. Thus a greater degree of efficiency in transcribing is attainable. The claim of the Stenotype Company that students can learn stenotypy in one half the time in which shorthand can be learned has been verified by our students for the past two years. Several even surpassed this claim. Stenotypy presents the reasonable advantage of machine work over hand work.

More detailed and specific information will gladly be given. Correspondence is invited with The Office, Buena Vista college.

Penmanship

A knowledge of penmanship and the ability to write a legible hand is worth the cost of an entire course.

Other Studies

Commercial students who wish to avail themselves of the opportunity of receiving instruction in preparatory or collegiate subjects, may do so by paying an extra tuition of \$5 for one subject or \$10 for two or more subjects, per semester.

Business correspondence, composition, punctuation and rapid calculation are all given prominent places in this department.

Typewriting—We teach the touch method.

Typewriting Equipment is described elsewhere under equipment.

Shorthand Tests for Graduation.—To write 300 words in three minutes and transcribe it on the typewriter in thirty minutes. Each error discounts final result five words.

Typewriting Tests for Graduation.—To copy from manuscript at the rate of forty words per minute for three minutes. Each error discounts final result five words.

Equipment

The success of any commercial school depends a great deal on the equipment. Our equipment is thoroughly modern in every respect; our typewriting department is supplied with Remington and Royal machines.

Our office practice furniture is strictly up-to-the-minute.

Instructors

The Commercial and Shorthand departments each have a principal that teaches the special branches while other classes are taken care of by teachers in the college and academy department.

Graduation

Students that have passed a creditable examina-

tion in the subjects offered in this department will be granted diplomas.

Examinations in short hand and typewriting will consist of a series of tests mentioned elsewhere in this catalogue.

Positions

The demand for competent stenographers and bookkeepers is far in excess of the supply. It is not a question of position in this commercial age, it is a question of preparation. We could place a great many thoroughly prepared men and women right now. Think about your preparation and the position will be ready when you are ready.

In General

The advantage of a commercial department in connection with other departments of a college are many as compared with a purely business college.

The college proper cannot help but offer more in the cultural line than is found in the ordinary school offering purely business subjects. A great many organizations such as a literary society, a Y. W. and Y. M. C. A. are found in Buena Vista College. Commercial students who avail themselves of their privileges are more than welcome.

The success of the past two years in this department has proved beyond question that the arrangement as stated above is a desirable one. The large attendance and the unusual interest in the work have been more than satisfactory.

Our students go into the best positions open to anyone.

Another feature of the work has developed that makes us certain that in connection with a college of liberal arts is the proper place for a student to take his commercial work. A number of our students have been taking work in the music department, while others have taken advanced English in the collegiate department.

All in all, we feel that those wanting work of this kind will do well if they decide to take their work with us.

The course is so arranged that the student can secure almost any amount of work he may wish from a few months up to two years. Those who find it impossible to enter at the beginning of the year may enroll at any time and pursue their individual work as rapidly as their ability and application will permit. We recommend, however, that all students make it a point to enter at the beginning of the term. (See calendar).

Students From Other Schools

Students from accredited schools who can present passing grades in any of the branches will be allowed to take the remaining studies of the course and receive a certificate of graduation. Our instruction in book-keeping and shorthand is given largely by the individual methods; consequently students can progress as rapidly as they may choose.

WIMBERLEY CONSERVATORY OF MUSIC

A Department of Buena Vista College

Miss Parkhill, Assistant in Vocal

The School of Music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education. Being part of a college of high rank, it gives a combined musical and literary course which develops and broadens the student's mental capacity and increases his musical possibilities.

The course is divided into three general classifications: Teacher's Certificate, Diploma and Post-Graduate Courses.

Teacher's Certificate

This course has been arranged to meet the needs of the student who desires to prepare for the teaching profession and upon completion of the required work (see schedule) a Teacher's Certificate will be granted by the department. This must not be understood to be a State Certificate.

Diploma

A four years course for the professional student and teacher. A diploma will be granted upon completion of the course as outlined. Students must also have college entrance credits.

Post-Graduate

(Leading to the Degree of Bachelor of Music). This course is open to all graduates of the School of Music and to those of institutions of a similar rank.

Candidates for the degree of Bachelor of Music, in addition to the regular requirements, must give a public recital and present an original composition for solo, instrument, voice, or orchestra. Sophomore standing must be presented for this degree.

Requirements for Admission

Beginners are always welcome and there are no special requirements. It is not necessary that they take other work at the college. Preparatory students will receive every attention and parents contemplating a musical education for their children, will find it greatly to their advantage to enroll them in this department.

Special students may enter at any time and there are no entrance requirements. Students who enter the regular courses leading to Teacher's Certificate, Diploma, or the degree, Bachelor of Music, are required to take the following courses or present a certificate from some school of equal rank bearing the same number of credits. For instance to first year (Freshman) classes, students will be examined in music of the third and fourth grades.

Graduation Requirements

First Year

First Semester	Second Semester
1-2 Major Music (Piano, Voice, Violin)	Major Music
1. Harmony	Harmony
2. Theory, Sight Singing	Theory, Sight Singing
English	English
Foreign Language	Foreign Language
Public Concert Work	Public Concert Work

Second Year

First Semester

4-5. Major Music
 Minor Music (an additional musical subject)
 3. Harmony
 History of Music
 Ensemble
 Normal Training
 English
 Foreign Language
 Concert and Recital Work

Second Semester

Major Music
 Minor Music
 Harmony
 History of Music
 Ensemble
 Normal Training
 English
 Foreign Language
 Concert and Recital Work

Third Year

First Semester

6. Major Music
 Counterpoint
 Interpretation
 Musical Analysis
 Two Electives in Academy

Second Semester

Major Music
 Fugue
 Interpretation
 Musical Analysis
 Two Electives in Academy

Fourth Year

First Semester

7-8. Major Music
 Composition
 Interpretation
 Acoustics
 Ensemble
 Two Electives in College
 Recital from Memory

Second Semester

Major Music
 Composition
 Interpretation
 Conducting
 Ensemble
 Two Electives in College
 Recital

Post-Graduate

First Semester

Major Music
 Composition
 Instrumentation
 Conducting
 Two Electives in College

Second Semester

Major Music
 Composition
 Instrumentation
 Conducting
 Two Electives in College

An original composition for solo, voice, chorus or orchestra.

Concert work and at least one recital.

Upon completing the third year course a Teacher's Certificate will be granted and when the work of the

fourth year has been finished, a Diploma will be awarded. The Bachelor of Music Degree will be conferred upon completion of the Post-Graduate course.

In addition to the course outlined above, regular class music students must carry at least two literary subjects each year.

Piano

1 and 2. Preparatory. Students in oral and written technics for the development of fingers, hands, wrists and arms and for tone production, scales and arpeggios. Studies from Loeschhorn, LaCoupe, Gurlitt, Czerny and other recognized authors. Compositions selected from the works of standard composers.

3. More advanced studies in scales, arpeggios and preparatory octaves. Studies by standard authors and selections from such work as Mathew's Graded Course (book 3,) or works of a similar character. Sonatas and compositions by Haydn, Mozart, Handel, Clementi, Beethoven, Foote, Seeboeck, Bach and such other compositions as shall tend to develop a knowledge of musical form and interpretation. Ear training and Elementary Theory. Harmony 1.

4 and 5. Major and all forms of minor scales, octaves, all forms of arpeggios, lighter composition of Bach, more advanced etudes and composition of Schumann, Schubert, Mendelssohn, Godard, Raff, Sinding, Grieg and others. Sight reading and Harmony 2.

6. Bach Inventions, Cramer-Bulow Etudes, Kulak, Czerny, Moscheles, etc. Selected compositions and recital work, history and counterpoint.

7 and 8. Bach (Preludes and Fugues), Clementi—Tausig, (Gradus and Parnassum.) Etudes, by Henselt, Chopin, Moscheles, Sinding, Raff and others. Graduation recital. Fugue and interpretation.

9 and 10. Post Graduate Course. Advanced techniques; concert etudes and compositions of classic and modern composers. Students in this class will be required to give at least one public recital and must have studied not less than two concertos, one of which must be offered as part of the commencement program. Composition, conducting and interpretation.

Voice Culture

1. Exercises for the development of breath control; tone placing, equalization of registers, scales, intervals and arpeggios. Studies from Abt, Panofka, Bordogni, Concone, Lamperti, etc. Easy songs for phrasing and enunciation; sight singing and chorus practice.

2. Continuation of first year's work, all forms of major and minor scales; arpeggios, thrills and embellishments; vocalises from Vacci, Concone, Lamperti, Salvator Marchesi, Matilda Marchesi and others. English, Italian and German songs; recital and chorus work.

3. Advanced technic; songs from the classic writers, viz: Schumann, Schubert, Brahms, Beethoven, Abt, etc. Arias from the standard operas and oratorios. Experience in concert, choir and church singing. Recital. Theoretical work same as given under piano. Piano one year.

Violin

1. Schradieck, (first book), studies for the production of a good tone and control of the bow; intervals, preparatory scales and arpeggios. Studies by Sitt, Hermann, Keyser, Dancla, and others. Pieces in first to third position.

2. Schradieck; (scales and chords,) Dominant and other seventh chords; studies by Keyser, Dancla, David, Papini, Mazas and others. Pieces suitable for this grade. Orchestral practice. Sight reading.

3. Schradieck, (advanced scales and arpeggios,) chords. Studies by Alard, Dont, David, Dancia, Kreutzer and others. Compositions by Mozart, De Beriot, Wieniawski, Spohr, Viotti, Godard, etc.

4. David Violin School; Schradieck (scales and chords.) Mazas, Alard, Kreutzer, Rhode, Florillo, etc. Composition from the works of Bach, Sarasate, Mendelssohn, Spohr, Paganini, Beethoven, Greig and others. Trio and quartette practice. First violin in orchestra and graduation recital. Full theoretical course required. Piano, one year.

Theoretical

1. Elementary theory and harmony. The course includes the training of the ear to recognize scales, intervals and chords, the writing of all major and minor scales, intervals, formation of all forms of triads and seventh chords; intersions, suspensions, keyboard work, transposition.

2. Advanced harmony. This course treats of chord relations, figured basses, harmonizing, melodies, suspension, modulation, keyboard work. Harmonic an-

alysis. Original work in simple forms of composition. Elementary counterpoint.

3. Counterpoint. Simple counterpoint; in two, three or more parts; free counterpoint.

4. Canon and Fugue. Analysis of musical forms, classic and modern suite; overture; sonata; symphony; oratorio and opera. Accoustics, instrumentation, arranging.

History of Fine Arts

1. Ancient Art. The architecture, sculpture, painting and music of Chaldea, Assyria, Egypt, Persia, Greece, Rome, India and China.

2. (a) Early Christian Art. Music of the early Hebrews and Christians, the catacombs, church influence, Byzantine Art, Medieval Art.

(b) The Renaissance. Development of the fine arts to the present time.

Ensemble

In this branch of instruction lie indispensable elements of musical culture to be obtained through no other mode of training. It develops the student's ability to play at sight and enables him to acquire a knowledge of musical composition ordinarily inaccessible to the music student. The work will include the reading and playing of compositions for two pianos (concertos, etc.,) piano quartets, string quartets and trios, trios for piano, violin and cello accompanying and orchestral work.

Concerts and Recitals

Concerts and Recitals will be given thruout the

year by students and Faculty. Students are required to take part in concert work when requested to do so by the instructor. This is a valuable part of one's musical training and the students will be given every possible advantage in this respect.

The department will at all times be pleased to furnish numbers of out-of-town entertainments. Arrangements may be made for entire programs.

Interpretation

The study of interpretation, which gives a creative stimulus to the student, is commenced as soon as the student has sufficient technic to allow of the interpretation of even the smallest compositions. Music is a language, the language of the feelings, of the spiritual, and the ideal in man and it is the object of this class to develop the finer sense of expression.

Ear-Training and Sight-Singing

This is one of the most essential studies for the musical student as it develops his ability to hear correctly and should be taken up as early as possible. The ear is trained to recognize all forms of musical scales, intervals, chords, modulations, metre, rhythm and musical forms, and the student will find the training an invaluable aid to the proper appreciation of musical art.

Rules and Regulations

Tuition is payable strictly in advance for each semester.

Lessons lost on account of student's absence will

not be made up, except only in cases of protracted illness.

Special students may enter at any time, but students taking the regular courses must matriculate at the opening of each term.

The rooms for practice purposes are very well adapted for the purpose; they are large, well heated and lighted, and contain good pianos. There are also rooms set aside for the use of violin students.

All students are required to attend all entertainments given by this department.

Full course students in the School of Music are permitted to take work in the preparatory or collegiate department on the payment of \$5 extra tuition per semester for one subject, or \$10 for two or more subjects.

Less than full course students are required to pay \$10 extra tuition per semester for one subject and \$20 for two or more subjects.

SUMMER SCHOOL OF MUSIC

Professor Fred W. Wimberley, Dean

Eight weeks, June 18th to August 19th, 17. The work covered will include, Ear-training, Sight-singing, Harmony, Technique, Musical History, Interpretation, and the most careful oversight of the instructor. The plan of the course is unique. Students will come in the morning and remain all day as to any other school. This method has been tried in two other states and has been found to present many advantages.

Mr. Wimberley has had the best of training in this country and abroad and has the experience in teaching to put him into touch with the very best methods of instruction.

Any one may enter who is interested in the study of musical art, as a student, as a teacher, or in order to better appreciate the best in musical art and composition. The expense will be very low, considering all of the advantages offered. The fee for the entire course will be only fifteen dollars. This does not include the necessary cost of teaching materials which will, however, be very slight.

During the session of the Institute Mr. Wimberley will give an illustrated piano recital for which an admission fee will be charged, but the proceeds of the same will be divided among the students where the recital is given.

Fall Term of Buena Vista School of Music Opens September Tenth, '17

Professor Wimberley's time has been so fully taken the past year that prospective students are advised to reserve lesson periods not later than September 1.

The department will observe all national holidays and no refund will be granted. Also the last three days of each term, the final examination.

LECTURES AND ADDRESS

- Rev. Theodore Morning, D. D., Opening Address.
 Mrs. A. H. Diefendorfer, Mormonism.
 Mr. W. E. Baker, I. P. A. Secy.
 Judge A. D. Bailie, Iowa Day Address.
 Miss Edith Helmer, Y. W. C. A. Secy.
 Rev. C. F. Ensign, Alaska.
 Mr. John E. Foster, Inspector of Schools.
 Rev. Mr. Thompson, China.
 Rev. C. G. Butler, Week of Prayer.
 Mr. K. A. Kennedy, Y. M. C. A. Secy.
 Miss Mabel Allen, China.
 Rev. T. A. Ambler, D. D., Chapel.
 Rev. R. T. Chipperfield, D. D., Chapel.
 Rev. John Erb, Chapel.

DEGREES AND CERTIFICATES CONFERRED JUNE, 1916

DEGREES

Bachelor of Arts

- | | | |
|------------------------|-------|---------------|
| Aitken, Agnes Isabel | ----- | Storm Lake |
| English and History | | |
| Crowley, Justice | ----- | Storm Lake |
| English and History | | |
| Keith, Marjorie | ----- | Storm Lake |
| German and French | | |
| Lindsey, Irene Fay | ----- | Adaza |
| English and History | | |
| Lyman, Catherine | ----- | Rockwell City |
| Mathematics and German | | |

Mitchell, Ada Martha	Storm Lake
English and History	
Riedesel, Beatrice	Glidden
English and History	
Shaul, Kenneth	Storm Lake
English and History	
Sohm, Joseph	Storm Lake
Chemistry and Mathematics	

CERTIFICATES AND DIPLOMAS

Home Economics—Two Year Course

Carter, Besse	Storm Lake
Gallaher, Mable	Alta
Stone, Margaret	Alton

Academy

Carlton, Paul	Washta
Brandt, George Albert	Peterson
Chapman, Mary Elinor	Correctionville
Lake, Mildred	Cushing
Wise, James	Storm Lake

Commercial—Combined Course

Mrs. Ethel Hudson	Storm Lake
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Shorthand

Nina Pierce	Storm Lake
Clarence McPherson	Storm Lake
Gladys Burke	Storm Lake
Sidney Slagle	Storm Lake
Ruby Carnahan	Paullina
Opal Toy	Storm Lake
Emma Unger	Storm Lake

Hazel Wirt	Storm Lake
Elva Samuels	Storm Lake
Christy Haughey	Storm Lake

HONORS

SENIOR CLASS HONORS

Magna Cum Laude

Lyman, Catherine E.
Mitchell, Ada Martha.

Academy Scholarship

Chapman, Mary Elinor.

Prizes

Freshman English	Agnes McCreery
Freshman Latin	Russell Ensign

REGISTER OF STUDENTS

Senior

Claus, Harley Hartley	Sioux Rapids
Chemistry and Mathematics	
Crouch, Edward Gregory	Creighton, S. D.
Chemistry and Mathematics	
Harper, Shirley Edith	Storm Lake
English and History	
Holmes, Ada Lucile	Storm Lake
Home Economics	
Perkins, Marjorie	Churdan
Mathematics, Modern Languages	
Sherman, Lillian Angela	Storm Lake
Latin, Modern Language	

Van Cleve, Amy Ellen -----Storm Lake
German and French

Junior

Benedict, Genevieve -----Storm Lake
Mathematics, Modern Language

Brown, Stewart -----Paullina
Mathematics, Modern Language

Drury, Clifford Merrill -----Early
Biology, Chemistry, Physics

Ensign, S. J. Russell -----Storm Lake
Chemistry and Mathematics

Hood, Harvey Allen -----St. Paul, Minn.
English and History

Lake, Mildred Laura -----Cushing
Home Economics

Marousek, Edmund Lee -----Sioux City
English and History

Marten, Ralph L. -----Storm Lake
Economics and Sociology

Mitchell, Florence Elizabeth -----Storm Lake
Biology, Chemistry, Physics

Sophomore

Aitken, Esther Marie -----Storm Lake

Ambler, Herbert Donald -----Storm Lake

Chapman, Mary Elinor -----Correctionville

Diehl, George Percy -----Storm Lake

Doxsee, Marie Viola -----Storm Lake

Eyres, Dorothy Wilhelmina -----LeMars

Eyres, Helen -----LeMars

Fuhrmeister, Nellie -----Churdan

Fulton, John Wallace	Uniontown, Pa.
McCreery, Mary Agnes	Storm Lake
McCreery, Ruby Isabel	Storm Lake
Meighen, Ruth	Storm Lake
Parkhill, John Laird	Storm Lake
Riedesel, Arthur Louis	Glidden
Slagle, Lucile Marie	Storm Lake
Smith, Mildred Marjorie	Storm Lake
Stanzel, George A.	Early

Freshman

Angier, Ruby Georgiana	Storm Lake
Beazley, Irma Lucile	Washta
Brandt, George Albert	Peterson
Canady, Ray Leonard	Churdan
Deal, Dewey Manila	Storm Lake
Egerer, Eunice N. C.	Storm Lake
Fife, Mable Blanche	Paullina
Holmes, Forest Gilbert	Storm Lake
Jones, Leah Olive	Sioux Rapids
McKenna, Alice May	Storm Lake
May, Eva Elizabeth	Storm Lake
Perkins, Eric Youngs	Churdan
Redenbaugh, Manson Simmons	Storm Lake
Rice, George Basil	Storm Lake
Rice, Norman Beryl	Storm Lake
Richardson, Horatio Gates	Clark, S. Dak.
Rohwer, Nora Dorothea	Paullina
Wise, Henry James	Storm Lake

Special

Mott, Frank L.	Truesdale
Akers, Clyde Erskine	Storm Lake

Academy

Clemons, Dale R.	Storm Lake
Crouch, Logan	Creighton, S. Dak.
Darling, Annabelle	Lytton
Foote, Mary E.	Storm Lake
Graf, Karl	Storm Lake
Heath, Mildred	Newell
McCartney, Myrtle Mae	Cone, S. Dak.
Parkhill, William E.	Storm Lake
Sprague, Charlotte	Alta
Swanson, Fred	Spencer
Torkelson, Eilet	Sioux Rapids

COMMERCIAL

Commercial Bookkeeping

Anderson, Robert	Albert City
Bair, Nellie	Storm Lake
Bennett, Mildred	Sioux Rapids
Bonderman, Earl	Archer
Branch, Hazel	Storm Lake
Burmeister, George	Storm Lake
Condon, Alice	Storm Lake
Crouch, Ed	Wall, S. Dak.
Deppe, Clark	Storm Lake
Ericson, Ruth	Alta
Ford, Roy	Spencer
Fowler, Grace	Battle Creek
Graf, Karl	Storm Lake
Groszkruger, Walter	Spencer
Haht, Wm.	Granville

Haraldson, Lloyd	Rembrandt
Haraldson, Verna	Rembrandt
Hille, Alvira	Alta
Hinners, Jessie	Storm Lake
Irvin, Cliff	Lake View
Johnson, Luella	Toronto, Can.
Koepnick, Wm.	Archer
Lund, Lyman	Laurens
Matteer, George	Archer
Moore, Edna	Storm Lake
Moore, Earl	Storm Lake
Namur, Carl	Spencer
Peterson, Lawrence	Greenville
Reynolds, Melvina	Storm Lake
Schmidt, Frank	Sheldon
Schweitzer, Frank	Sioux Rapids
Spar, Herbert	Albert City
Swope, Lurene	Storm Lake
Totman, Wm.	Storm Lake
Tweet, Agnes	Spencer
Weaklen, Rollo	Spencer
Whiting, Lorilla	George
Yerington, Lester	Storm Lake

Shorthand

Bair, Nellie	Storm Lake
Bennett, Mildred	Sioux Rapids
Branch, Hazel	Storm Lake
Buland, Corinne	Storm Lake
Butler, Leon	Storm Lake
Burmeister, George	Storm Lake
Condon, Alice	Storm Lake

Dumbaugh, Marjorie	Fort Dodge
Ericson, Ruth	Alta
Fowler, Grace	Battle Creek
Groszkruger, Louise	Spencer
Groszkruger, Walter	Spencer
Haht, Wm.	Granville
Haraldson, Lloyd	Rembrandt
Haraldson, Verna	Rembrandt
Hanke, Anna	Varina
Hille, Alvira	Alta
Hinners, Jessie	Storm Lake
Hopkins, Doris	Storm Lake
Hughes, Kathryn	Storm Lake
Johnson, Luella	Toronto, Can.
Moore, Edna	Storm Lake
Namur, Carl	Rossie
McCreery, Ruby	Storm Lake
McKenna, Lee	Storm Lake
McKenna, Alice	Storm Lake
Peterson, Lawrence	Greenville
Robbins, LaVern	Storm Lake
Reynolds, Melvina	Storm Lake
Richardson, Jennie	Storm Lake
Schmidt, Frank	Sheldon
Soeth, Myrle	Storm Lake
Swope, Lurene	Storm Lake
Tweet, Agnes	Spencer
Whiting, Lorilla	George
Yerington, Lester	Storm Lake

Typewriting

Anderson, Robert	Albert City
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Bair, Nellie	Storm Lake
Bennett, Mildred	Sioux Rapids
Bonderman, Earl	Archer
Branch, Hazel	Storm Lake
Buland, Corinne	Storm Lake
Butler, Leon	Storm Lake
Burmeister, George	Storm Lake
Haraldson, Lloyd	Rembrandt
Haraldson, Verna	Rembrandt
Condon, Alice	Rembrandt
Dumbaugh, Marjorie	Fort Dodge
Ericson, Ruth	Alta
Fowler, Grace	Battle Creek
Groszkruger, Louise	Spencer
Groszkruger, Walter	Spencer
Karl, Graf	Storm Lake
Haht, Wm.	Granville
Hanke, Anna	Varina
Hille, Alvira	Alta
Hinners, Jessie	Storm Lake
Hopkins, Doris	Storm Lake
Hughes, Kathryn	Storm Lake
Johnson, Luella	Toronto, Canada
Moore, Earl	Storm Lake
Moore, Edna	Storm Lake
Minier, Eunice	Sac City
McCreery, Ruby	Storm Lake
McKenna, Lee	Storm Lake
McKenna, Alice	Storm Lake
Lund, Lyman	Spencer
Peterson, Lawrence	Greenville

Robbins, LaVerne	Storm Lake
Reynolds, Melvina	Storm Lake
Richardson, Jennie	Storm Lake
Schmidt, Frank	Sheldon
Soeth, Myrle	Storm Lake
Swope, Lurene	Storm Lake
Tweet, Agnes	Spencer
Totman, Wm.	Storm Lake
Whiting, Lorilla	George
Yerington, Lester	Storm Lake
Koepnick, Wm.	Archer
Namur, Carl	Spencer

Commercial Short Term

Robert Anderson	Albert City
Earl Bonderman	Archer
Corinne Buland	Storm Lake
Clarke Deppe	Storm Lake
Roy Ford	Spencer
Walter Groszkruger	Spencer
Cliff Irwin	Lake View
Wm. Koepnick	Archer
Lyman Lund	Spencer
Geo. Matteer	Archer
Lawrence Peterson	Greenville
LaVerne Robbins	Storm Lake
Frank Schmidt	Archer
Herbert Spar	Albert City
Agnes Tweet	Spencer
Rolla Weaklen	Spencer

ENROLLMENT DEPARTMENT OF MUSIC

Piano

This list also contains the names of the extension work students.

Battern, Jesse	Storm Lake
Berger, Adelaide	Rembrandt
Bertness, Geneva	Rembrandt
Bertness, Mildred	Rembrandt
Cattermole, Neoma	Storm Lake
Conley, Hazel	Jolley
Darling, Annabelle	Lytton
Davis, Winnifred	Marathon
Duroe, Collingwood	Sioux Rapids
Ensign, Russell	Storm Lake
Ensign, Elizabeth	Storm Lake
Fiscus, Lois	Storm Lake
Foote, Mary	Storm Lake
Geisinger, Clifford	Storm Lake
Geisinger, Minnie	Storm Lake
Groszkruger, Louise	Spencer
Grant, Lola	Rockwell City
Haraldson, Lloyd	Rembrandt
Hesla, Emmelia	Rembrandt
Hoch, Winton	Storm Lake
Hoch, Catherine	Storm Lake
Jackson, Elizabeth	Sioux Rapids
Kelley, Ruth	Marathon
Kerlin, Mrs. W. W.	Storm Lake
Kinne, Catherine	Storm Lake
Langdon, Frances	Newell

Leonard, Robena	Rockwell City
Lindsey, Irene	Storm Lake
Manchester, Horace	Storm Lake
Manchester, Ruth	Storm Lake
Meholin, Graden	Rockwell City
Morey, Virginia	City (New York)
Murdoch, June	Sioux Rapids
O'Donoghue, Dorothy	Storm Lake
Olsen, Gunda	Rembrandt
Parkhill, Catherine	Storm Lake
Parkhill, Beatrice	Storm Lake
Riley, Edna	Rockwell City
Ritchie, Miss	Marathon
Smoot, Martha	Storm Lake
Spiegelberg, Vira	Rembrandt
Staak, Evelyn	Sioux Rapids
Todd, Jeane	Storm Lake
Toy, Opal	Storm Lake
White, Dorothy	Storm Lake
White, Frank	Storm Lake
Wellmerling, Jay	Storm Lake

Harmony

Battern, Jesse	Storm Lake
Cattermole, Neoma	Storm Lake
Conley, Hazel	Rockwell City
Darling, Annabelle	Lytton
Ensign, Russell	Storm Lake
Ensign, Elizabeth	Storm Lake
Geisinger, Minnie	Storm Lake
Leonard, Robena	Rockwell City
O'Donoghue, Dorothy	Storm Lake

Riley, Edna	Rockwell City
Smoot, Martha	Storm Lake
Foote, Mary	Storm Lake
Lindsey, Irene	Storm Lake
Ritchie, Miss	Marathon
Spiegelberg, Vira	Rembrandt

Violin

Carlson, Ralph	Storm Lake
Deal, Wayne	Storm Lake
Ensign, Russell	Storm Lake
Irwin, Clifford	Lake View
Whealen, John	Storm Lake
Moldovan, Louis	Storm Lake

Voice

Burmeister, George	Storm Lake
Conroy, Mrs.	Jolley
Groszkruger, Walter	Spencer
Sohm, Joseph	Storm Lake
Whitehead, Rafa	Sioux Rapids

Cornet

Goff, Leon	Storm Lake
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Harp

Skewis, Dorothy	Storm Lake
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Musical History

Ensign, Russell	Storm Lake
Ensign, Elizabeth	Storm Lake
Geisinger, Minnie	Storm Lake
Fiscus, Lois	Storm Lake
Darling, Annabelle	Lytton
O'Donoghue, Dorothy	Storm Lake

Musical Analysis

Ensign, Russell	Storm Lake
Ensign, Elizabeth	Storm Lake
Geisinger, Minnie	Storm Lake
Fiscus, Lois	Storm Lake
Darling, Annabelle	Lytton
O'Donoghue, Dorothy	Storm Lake

Counterpoint

Ensign, Russell	Storm Lake
Ensign, Elizabeth	Storm Lake

Extension Work

Anderson, Helen	Alta
Herren, Mrs.	Alta
Leonard, Aubrey	Alta
Haughey, Christie	Storm Lake
Smith, Esther	Storm Lake
Brynteson, Jennie	Sac City
Tourjee, Mrs.	Sac City
Needham, Philip	Sac City
Brownell, Harold	Sac City
Barnt, Elaine	Sac City
Perkins, Miriam	Sac City
Confer, Eloise	Sac City
Jackson, Helen	Sac City
Hayette, Myrna	Lavina
Wilhoitt, Mrs.	Lytton
Safely, Olive	Lytton
Reed, Rev.	Lytton
Graub, Lola	Rockwell City
Leonard, Robina	Rockwell City
Fagler, Lois	Rockwell City

Wadsworth, Bernice	Rockwell City
Groves, Etta	Rockwell City
Clark, Alta	Rockwell City
Clark, Dwight	Rockwell City
Acklin, Ruth	Rockwell City
McIsaac, Mrs.	Rockwell City

ALUMNI ASSOCIATION

Officers

President, W. M. Storey	Storm Lake, Ia.
Vice-President, Elsie Ries	Otto, Ia.
Treasurer, L. E. Ballou, Jr.	Storm Lake, Ia.
Secretary, Mabel McLaughlin	Storm Lake, Ia.

1893

Hutchinson, Jennie G., A. B.	Monmouth, Ill.
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1894-193

During these years only Junior College work was done.

1896

Aldinger, F. C., Minister	Lansing, Mich.
Edson, Willis C., Attorney	Storm Lake

1897

Higgs, Thomas J., Attorney	Kansas City, Mo.
Leonard, Frank O., Presbyterian Minister	
	Salt Lake City, Utah
Newton, Homer C., Prof. Univ. of New York City	
	New York, N. Y.
Sohm-Morcombe, Elizabeth K., Editor and Post Mistress	Storm Lake

1898

Herron, Ralph, Business -----Tucson, Ariz.
 Spencer, J. E., Presbyterian Minister--Kearney, Nebr.

1899

Bennett, H. Burtis, Business -----Los Angeles, Calif.
 Wier, Valentine A., Presbyterian Minist, Podroni, Colo.
 Whittel-Erson, Ada -----Storm Lake

1900

McAllister, Margaret -----Galveston, Tex.

1901

Smith, Howard L., Presbyterian Minister -----
 -----Santa Rosa, Cal.

1904

Bailie-Edson, Ethelyn, A. B. -----Storm Lake
 Garberson, Aura, A. B. -----Storm Lake
 King, Agnes, A. B. -----Schaller
 McLean, Maggie, A. B. -----Spokane, Wash.

1905

Benjamin, Edward S., A. B., Meth. Epis. Minister----
 -----Okemah, Okla.
 Cummings-Harrison, Margaret A., A. B.--Topeka, Kans.
 Willfong, Charles A., A. B., Business--Denver, Colo.
 Zielman, Clyde, A. B., Attorney-Banker ---Lake View

1906

Garberson-Ross, Rena, A. B.-----Denton, Tex.
 James, A. Frank, A. B., Attorney -----Gooding, Idaho
 Louthan-Carr, Myrtle, A. B. -----LaFayette, Ind.
 Luhmann, Walter Albert, A. B., Business--Storm Lake
 Miller-Wilson, Ethel, A. B. -----Sibley
 Parker, Ralph H., A. B., Physician -----Des Moines

Russell, Grace Ella, A. B., High School Teacher -----
----- Ottawa, Kan.

Senska, Frank R., A. B., Medical Missionary -----
----- Batanga, Kamerun, Africa

1907

Balkema, Peter, A. B., Attorney ----- Sioux City

King, Grace, A. B. ----- Schaller

McEwen, W. Harry, A. B., Attorney ---- Regina, Sask.

Paxton, G. Leslie, A. B., Business ----- Phoenix, Ariz.

Senska, Nellie May, A. B., High School Teacher -----

----- Charleston, Wash.

1908

Luhmann, Mabel Pauline, A. B., High School Teacher --

----- Storm Lake

1909

Eshbaugh, Amy B., A. B., High School Teacher - Sheldon

Foote, Claire I., A. B., Teacher Conservatory of Music

----- Minneapolis, Minn.

Hanson, Victor, A. B., Foreign Missionary ----- China

May, Hugh, J., A. B., Minister -- Iron Mountain, Mich.

1910

Fracker, Stanley B., A. B., A. M., Ph. D., Deputy State

Entomologist ----- Madison, Wis.

Hawkins-Barnes, Maude E., A. B., ---- Santa Ana, Cal.

Mattison, Ray H., A. B., Business ----- Rockwell City

Meighen, Loretta C., A. B., High School Teacher -----

----- Potersville, Cal.

Perkins, Carrie J., A. B. ----- Churdan, Iowa

Youde, Harold L., A. B., Agriculture ----- Sutherland

1911

Allen-Smith, Lillie, A. B. ----- Riverton

Brown, Kathryn, A. B., High School Principal__Exira
 Foster-Balkema, Oma, A. B.-----Sioux City
 Fracker, Annie, A. B.-----Storm Lake
 McLaughlin, Mabel, A. B., High School Teacher -----
 ----- Marathon
 Parker-Fracker, Grace, A. B.-----Madison, Wis.
 Ross, Felix B., A. B., College Teacher__Sterling, Kans.
 Unger-Kistle, Louise, A. B.-----Storm Lake

1912

Crouch, Elsie, A. B., High School Teacher____Auburn
 Crouch, Lloyd, A. B., Student in Agriculture-----
 -----Iowa State College, Ames
 Dwinell, L. A., A. B., Attorney-----Sibley
 Gregg, Bernice, A. B., High School Teacher-----
 -----Canon City, Colo.
 Jones, Roy E., A. B., Presbyterian Minister____Vail
 Marcum, Edna, A. B., High School Teacher____Rolfe
 Price, Gladys, A. B., High School Teacher__Chariton
 Ries, Elsie, A. B., High School Teacher__Battle Creek
 Rust, E. C., A. B., Medical student, State University
 of Iowa -----Iowa City
 Storey, W. M., D. D. S., A. B., LLD., Dentist Storm Lake
 Unger, Charles, A. B., Business-----Storm Lake
 West-Dwinell, Hazel, A. B.-----Sibley

1913

Carlton, Murl, C., A. B., Graduate Student University
 of Michigan -----Ann Arbor, Mich.
 Fuhrmeister, C. G., Agriculture-----Churdan
 Harper, George Fahs, A. B., Business -----Fonda
 Mereness, Carol Dell, A. B., Student University of
 Minnesota -----Minneapolis, Minn.

Lindsey, Jesse L., A. B., Business-----Jefferson
 Perkins, Adrian W., A. B., Business-----Jefferson
 Smith, Elleroy, A. B., Missionary----Shanghai, China
 White, R. E., A. B., Lay Student Iowa State Univer-
 sity -----Iowa City

1914

Crouch, J. Emmons, A. B., -----Chicago, Ill.
 Gregg, Dorothy, A. B., High School Teacher-----
 -----Sioux Rapids
 Kettleson, Luella, A. B., High School Teacher Superior
 White, Zeno Z., A. B., School Superintendent-Peterson

1915

Chapman, Oliver Wendell, A. B., Graduate Student,
 Iowa State College -----Ames
 Benthin, Walter O., A. B., Auburn Theological Seminary
 -----Auburn, N. Y.
 Ensign, Evelyn, A. B., High School Principal--Cleghorn
 Plummer, Mabel, A. B., Public School Teacher--Boone
 Smith, Elden W., A. B., High School Teacher-Paullina
 Thomas-Wessling, Cora, A. B.,-----Lytton

1916

Aitken, Agnes, A. B., High School Teacher----Nashua
 Crowley, Justice, A. B.-----Storm Lake
 Keith, Marjory, A. B., High School Teacher -----
 -----Sioux Rapids
 Lindsey, Irene, A. B., Clerk, Post Office---Storm Lake
 Lyman, Catherine, A. B., Junior High School Teacher
 -----Sac City
 Mitchell, Ada, A. B., High School Teacher-----Essex
 Reidesel, Beatrice, A. B., High School Teacher-----
 -----Keosauqua

Shaul, Kenneth, A. B., Teacher -----S. Dakota
Sohm, Joseph, A. B., Manager Vidette----Storm Lake

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